ERS CONGRESS | 2026

5-9 September | Barcelona, Spain

PROGRAMME



Outside Congress centre Session 1 12:45 - 13:30

Public: Healthy Lungs for Life Press conference option confirmed: Palau Macaya

Chairs : Marc Miravitlles (Barcelona, Spain), Rosa Faner (Barcelona, Spain), Ferran Barbe (Lleida, Spain)

3.11 Session 2 08:00 - 19:15

OSCE examination : Thoracic ultrasound training programme Part 3 - OSCE examination - by invitation only

Aims : BY INVITATION ONLY - This session is the final part of the ERS Thoracic ultrasound training programme, for more information on the programme and how to register please visit: https://www.ersnet.org/education-and-professional-development/ers-certified-training-programmes/thoracic-ultrasound-certified-training-programme/

Chairs : Laurence M.M.J. Crombag (Amsterdam, Netherlands), Lars Konge (Copenhagen, Denmark, Denmark)

08:15	**TUS Part 3 - OSCE: Round 1** Laurence M.M.J. Crombag (Amsterdam, Netherlands), Radhika Banka (Mumbai (Maharashtra), India), Pernilla Borggaard (Horsens, Denmark)	**1**
09:20	**TUS Part 3 - OSCE: Round 2** Laurence M.M.J. Crombag (Amsterdam, Netherlands), Radhika Banka (Mumbai (Maharashtra), India), Pernilla Borggaard (Horsens, Denmark)	**2**
10:25	**TUS Part 3 - OSCE: Round 3** Rachelle Asciak (SIGGIEWI, Malta), Nick Maskell (Bristol (Avon), United Kingdom), Laurence M.M.J. Crombag (Amsterdam, Netherlands)	**3**
11:30	**TUS Part 3 - OSCE: Round 4** Rachelle Asciak (SIGGIEWI, Malta), Nick Maskell (Bristol (Avon), United Kingdom), Søren Helbo Skaarup (Aarhus C, Denmark)	**4**
12:35	**TUS Part 3 - OSCE: Round 5** Laurence M.M.J. Crombag (Amsterdam, Netherlands), Janet Fallon (Somerset, United Kingdom), Casper Falster (Odense, Denmark)	**5**
13:40	**TUS Part 3 - OSCE: Round 6** Casper Falster (Odense, Denmark), Laurence M.M.J. Crombag (Amsterdam, Netherlands), Janet Fallon (Somerset, United Kingdom)	**6**
14:45	**TUS Part 3 - OSCE: Round 7** Beenish Iqbal (Oxford, United Kingdom), Morgan Williams (Bristol, United Kingdom), Jesper Rømhild Davidsen (Odense C, Denmark)	**7**
15:50	**TUS Part 3 - OSCE: Round 8** Jesper Rømhild Davidsen (Odense C, Denmark), Morgan Williams (Bristol, United Kingdom), Beenish Iqbal (Oxford, United Kingdom)	**8**
16:55	**TUS Part 3 - OSCE: Round 9** Janet Fallon (Somerset, United Kingdom), Alguili Elsheikh (Oxford, United Kingdom), Pia Iben Pietersen (Odense C, Denmark)	**9**
18:00	**TUS Part 3 - OSCE: Round 10** Janet Fallon (Somerset, United Kingdom), Alguili Elsheikh (Oxford, United Kingdom), Pia Iben Pietersen (Odense C, Denmark)	**10**

3M Session 3 08:30 - 13:30

Academy: Academy of paediatric respiratory medicine - €

Additional registration is required for this session.

Tag(s) : Clinical

Chairs : Ernst Eber (Graz, Austria), Fabio Midulla (Roma (RM), Italy), Refika Hamutcu Ersu (Ottawa, Canada)

08:30	**Endoscopy** Ernst Eber (Graz, Austria)	**11**
09:15	**Lung function tests** Nicolas Regamey (Lucerne, Switzerland), Annelies M. Zwitserloot (Groningen, Netherlands)	**12**
10:00	**Imaging and ultrasound** Meinrad Beer (Ulm, Germany), Carolina Casini (Roma (RM), Italy)	**13**
10:45	**Break** All speakers	**14**

11:15	**Bronchial asthma and wheezing disorders** Louise Fleming (London, United Kingdom)	**15**
12:00	**Non-CF bronchiectasis and TB** Fabio Midulla (Roma (RM), Italy), Monika Gappa (Düsseldorf, Germany)	**16**
12:45	**Sleep disorders** Refika Hamutcu Ersu (Ottawa, Canada), Athanasios G. Kaditis (Athens, Greece)	**17**

1A Session 4 09:00 - 10:00

Forum: Mechanisms to prevention: shaping the future of respiratory health: part 1

Mechanisms to early signal

Aims : to explore strategies for the early detection and prevention of respiratory disease; to discuss approaches and emerging tools to enable earlier diagnosis and intervention; to consider how early detection can be translated into improved patient care and outcomes.

Tag(s) : Clinical, Translational , Prevention

Chairs : Didier Cataldo (Liege, Belgium), Rosa Faner (Barcelona, Spain)

09:00	**Early detection of respiratory disease to achieve early action for patient benefit** Mario Cazzola (Roma (RM), Italy)	**18**
09:15	**Translation of early detection into everyday patient care** Joanna Chorostowska-Wynimko (Warsaw, Poland)	**19**
09:30	**Patient testimony: Difficulties of late diagnosis** Luciano Cattani (Rome, Italy)	**20**
09:45	**Discussion and Q&A** All speakers	**21**

3I Session 5 09:00 - 17:00

NEXT: Networking Excellence Training Programme (NEXT) - invite only

Aims : By invitation only - The ERS NEXT programme provides a comprehensive training programme for ERS early career abstract presenters

Chairs : Chiara Premuda (Palermo, Italy), Heleen Demeyer (Gent, Belgium)

09:00	**Welcome and overview of the day** Chiara Premuda (Palermo, Italy), Heleen Demeyer (Gent, Belgium)	**22**
09:15	**Ice-breaker** All speakers	**23**
09:30	**Presentation skills lecture** Dorina Esendagli (Ankara, Türkiye)	**24**
10:00	**Presentation skills breakout (oral presentations: beginner)** Matteo SICILIANO (Roma, Italy), Augusta Beech (Manchester, United Kingdom)	**25**
10:00	**Presentation skills breakout (poster presentations: some experience)** Guido Marchi (Pisa, Italy), Heleen Demeyer (Gent, Belgium)	**26**
10:00	**Presentation skills breakout (oral presentations: experienced)** Marjolein A. Heuvelmans (Amsterdam, Netherlands), Deepa Patel (Leicester, United Kingdom)	**27**
10:00	**Presentation skills breakout (poster presentation: beginners)** Mathieu Marillier (Echirolles, France), Chiara Premuda (Palermo, Italy)	**28**
10:00	**Presentation skills breakout (poster presentations: experienced)** Eva Revilla Lopez (Barcelona, Spain), Laura Fabbri (London, United Kingdom)	**29**
11:30	**Coffee break** All speakers	**30**
12:00	**Complimentary skills to achieve success - panel discussion** Augusta Beech (Manchester, United Kingdom), Eva Polverino (Barcelona, Spain), Niki Ubags (Epalinges, Switzerland), Julien Guiot (Liège, Belgium), Edward Powell (Aylesbury, United Kingdom), Frank Willersinn (Etterbeek, Belgium)	**31**

13:00	**Mentoring lunch (with ERS Leadership)** All speakers	**32**
14:15	**Manuscript writing, editing and publishing** James D. Chalmers (Dundee (Angus), United Kingdom)	**33**
14:45	**How to peer review** Rory Morty (Heidelberg, Germany)	**34**
15:15	**Coffee break** All speakers	**35**
15:45	**Moderating lecture** Theodore Kapellos (Munich, Germany)	**36**
16:00	**Moderating role-play session** Chiara Premuda (Palermo, Italy), Heleen Demeyer (Gent, Belgium), Theodore Kapellos (Munich, Germany)	**37**
16:45	**Feedback and take-home messages** Chiara Premuda (Palermo, Italy), Heleen Demeyer (Gent, Belgium)	**38**

3J Session 6 09:00 - 17:30

Postgraduate course: PG1 PG1: Thoracic ultrasound – €

Additional registration is required for this session

Aims : To provide a solid, theoretical, evidence-based framework for the development of advanced skills in thoracic ultrasonography, highlighting its utility in the assessment of more complex pleural diseases, in unusual clinical scenarios and for the imaging of thoracic structures other than the lung and pleural space.

Tag(s) : Clinical

Chairs : Beenish Iqbal (Oxford, United Kingdom), Tai Joon An (Seoul City, Republic of Korea), Radhika Banka (Mumbai (Maharashtra), India), Søren Helbo Skaarup (Aarhus C, Denmark)

09:00	**Welcome and introduction** Beenish Iqbal (Oxford, United Kingdom), Tai Joon An (Seoul City, Republic of Korea)	**39**
09:05	**Focused cardiac ultrasound** Casper Falster (Odense, Denmark)	**40**
09:30	**Ultrasound in venous thromboembolism (pulmonary embolism and deep vein thrombosis)** Morgan Williams (Bristol, United Kingdom)	**41**
09:55	**Diaphragm ultrasound** Søren Helbo Skaarup (Aarhus C, Denmark)	**42**
10:20	**Discussion and Q&A** All speakers	**43**
10:30	**Coffee break** All speakers	**44**
11:00	**Thoracic ultrasound in emergency scenarios** Morgan Williams (Bristol, United Kingdom)	**45**
11:25	**Thoracic ultrasound in the intensive care unit** Belaid Bouhemad (Paris, France)	**46**
11:50	**Use of thoracic ultrasound in an interstitial lung disease clinic** Jesper Rømhild Davidsen (Odense C, Denmark)	**47**
12:15	**Discussion and Q&A** All speakers	**48**
12:25	**Lunch break** All speakers	**49**
13:30	**Thoracic ultrasound assessment of pleural infection** Eihab Bedawi (Oxford, United Kingdom)	**50**

13:55	**Thoracic ultrasound assessment of lung infections** Emanuele Pivetta (Turin, Italy)	**51**
14:20	**Discussion and Q&A** All speakers	**52**
14:30	**Thoracic ultrasound assessment in pleural malignancy** Rachelle Asciak (SIGGIEWI, Malta)	**53**
14:55	**Thoracic ultrasound assessment of lung malignancy** Damien Basille (Amiens, France)	**54**
15:20	**Discussion and Q&A** All speakers	**55**
15:30	**Coffee break** All speakers	**56**
16:00	**Advanced diagnostic techniques in thoracic ultrasound: elastography** Sanjeewa Patabendige (Odense, Denmark)	**57**
16:25	**Advanced diagnostic techniques in thoracic ultrasound: contrast** Christian B. Laursen (Odense M, Denmark)	**58**
16:50	**Evidence-based training principles in thoracic ultrasound** Pernilla Borggaard (Horsens, Denmark)	**59**
17:15	**Discussion and Q&A** All speakers	**60**
17:25	**Closing remarks** All speakers	**61**

3A Session 7 09:00 - 17:15

Academy: Academy of adult respiratory medicine - €

Additional registration is required for this session.

Tag(s) : Clinical

Chairs : Sophia E. Schiza (Heraklion, Greece), Stylianos Loukides (Athens, Greece), Gabor Kovacs (Graz, Austria)

09:00	**Introduction to workshops** Sophia E. Schiza (Heraklion, Greece), Stylianos Loukides (Athens, Greece), Gabor Kovacs (Graz, Austria)	**62**
09:15	**Sleep-related disorders** Dries Testelmans (Leuven, Belgium), Elisa Perger (Milano, Italy)	**63**
10:15	**Break** All speakers	**64**
10:45	**Respiratory infections** Raquel Duarte (Porto, Portugal), Claire Andrejak (Amiens, France)	**65**
11:45	**Pulmonary circulation** Mona Lichtblau (Zürich, Switzerland), Gabor Kovacs (Graz, Austria)	**66**
12:45	**Lunch break** All speakers	**67**
13:45	**Pulmonary function testing** Frans H.C. De Jongh (Enschede, Netherlands), Monika Franczuk (Warsaw, Poland)	**68**
14:45	**Lung imaging** Ádám Domonkos Tárnoki (Budapest, Hungary), Helmut Prosch (Wien, Austria)	**69**
15:45	**Break** All speakers	**70**
16:15	**Thoracic oncology** Maria Joana Pereira Catarata (Porto, Portugal), Wouter H. van Geffen (Nijmegen, Netherlands)	**71**

Studio — Session 8 — 09:00 - 09:45

Experts interview: Transition in respiratory care: asthma

Aims : to understand the specific challenges faced by adolescents and young adults with severe asthma during the transition from paediatric to adult care, including factors affecting adherence and continuity of care; to recognise the essential self-management skills young people need to develop, including understanding their treatment, mastering inhaler technique, managing prescriptions and appointments, identifying triggers, and recognising worsening symptoms and exacerbations; to explore effective strategies for a structured, developmentally appropriate transition, including progressive family involvement, joint assessment, coordination between paediatric and adult teams, and continuity of specialist and biologic therapy; to identify approaches to reduce loss to follow-up and prevent fragmented care, poor adherence, hospitalisations, and deterioration in lung function during the first year after transfer to adult services.

Tag(s) : Clinical

Chairs : Omar S. Usmani (London, United Kingdom), Hilary Pinnock (Edinburgh, United Kingdom), Mehar Singh (London, United Kingdom)

09:00	**Asthma in paediatrics** Ines De Mir Messa (Barcelona, Spain)	**72**
09:15	**Asthma in adults** Alexandra Nanzer (London, United Kingdom)	**73**
09:30	**Discussion and Q&A** All speakers	**74**

3.14 — Session 9 — 09:00 - 16:00

Skills workshop: SW1 SW1: Advanced thoracic ultrasound-guided procedures and techniques – €
Additional registration is required for this session

Aims : To provide the thoracic ultrasound practitioner with a theoretical and practical introduction to advanced thoracic ultrasound guided procedures and techniques.

Disease(s) : Thoracic oncology Interstitial lung diseases

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical

Chairs : Christian B. Laursen (Odense M, Denmark), Najib M. Rahman (Oxford, United Kingdom), Rahul Bhatnagar (Bristol, United Kingdom)

09:00	**Course introduction** Christian B. Laursen (Odense M, Denmark), Najib M. Rahman (Oxford, United Kingdom), Rahul Bhatnagar (Bristol, United Kingdom)	**75**
09:10	**A brief overview of advanced thoracic ultrasound guided procedures and techniques** Christian B. Laursen (Odense M, Denmark)	**76**
09:30	**Workstation 1: US guided biopsies in the hands of a respiratory physician** Rahul Bhatnagar (Bristol, United Kingdom), Anand Sundaralingam (London, United Kingdom), Fathimath Farah Shiham (Bristol, United Kingdom)	**77**
09:30	**Workstation 2: TUS for diagnosing and managing procedural complications** Pia Iben Pietersen (Odense C, Denmark), Morten Bendixen (Odense C, Denmark), Dinesh Addala (Oxford, United Kingdom)	**78**
09:30	**Workstation 3: Advanced imaging techniques in ultrasound (contrast, elastography)** Christian B. Laursen (Odense M, Denmark), Eihab Bedawi (Oxford, United Kingdom), Christian Kildegaard (Odense, Denmark), Olivia Walsh (Oxford, United Kingdom)	**79**
09:30	**Workstation 4: TUS guidance for IPC and LAT procedures** Steven Walker (Bristol (Avon), United Kingdom), Konstantina Kontogianni (Heidelberg, Germany), Malvika Bhatnagar (Oxford, United Kingdom)	**80**
09:30	**Workstation 5: Expanding the TUS procedural toolbox** Maged Hassan (Alexandria, Egypt), Rob Hallifax (Oxford (Oxfordshire), United Kingdom), Alguili Elsheikh (Oxford, United Kingdom)	**81**
15:30	**Meet the experts: grand round Q&A** All speakers	**82**

16:00	**Wrap-up and evaluation** Christian B. Laursen (Odense M, Denmark), Najib M. Rahman (Oxford, United Kingdom), Rahul Bhatnagar (Bristol, United Kingdom)	**83**

3L Session 11 09:30 - 11:00

Language session: Chinese programme

A joint CTS–ERS session

Aims : To present an overview of "hot topics" in acute respiratory distress syndrome, obstructive sleep apnoea and transbronchial ablation in Europe and China (in English and also translated into Chinese for the online audience).

Disease(s) : Respiratory infections Respiratory critical care

Tag(s) : Clinical, Basic science, Global reach

Chairs : Bin Cao (Beijing, China), Kian Fan Chung (London, United Kingdom)

09:30	**Respiratory physiological subphenotypes in patients with acute respiratory distress syndrome: implications for personalised management** Jingen Xia (Beijing, China)	**89**
09:40	**Imaging-integrated, biomarker-driven management of acute respiratory distress syndrome: advancing precision care at the bedside** Joanna Luk-Ping Lam (Hong Kong, Hong Kong)	**90**
09:50	**Upper airway infection and excessive daytime sleepiness: what can we learn from narcolepsy?** Fang Han (Beijing, China)	**91**
10:00	**Addressing endotypic traits in obstructive sleep apnoea: drug and non-positive airway pressure therapies** Johan Verbraecken (Edegem (Antwerp), Belgium)	**92**
10:10	**Transbronchial ablation for lung cancer** Shi-Yue Li (Guangzhou, China)	**93**
10:20	**European perspective on transbronchial ablation for lung cancer** Erik H.F.M. van der Heijden (Nijmegen, Netherlands)	**94**
10:30	**Discussion and Q&A** All speakers	**95**

3B Session 12 09:30 - 11:00

Forum: Primary and integrated respiratory care: part 1

Enhancing patient outcomes through prevention, partnership and sustainable practices in primary care

Aims : To demonstrate how primary healthcare professionals can improve respiratory health by strengthening prevention strategies, fostering meaningful partnerships with patients, promoting collaborative models of care and supporting integrated primary and community-based respiratory care through simple, sustainable practices applicable to daily clinical work across diverse global settings.

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist, Journalist, Pharmacist

Chairs : Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Luke Daines (Edinburgh (Edinburgh), United Kingdom), Debra Montague (USK, United Kingdom)

09:30	**Preventing and early treatment of respiratory disease in primary and integrated care** Alan Kaplan (Stouffville (ON), Canada)	**96**
09:45	**Collaboration between primary care, research and communities: a global perspective** Siân Williams (London, United Kingdom)	**98**
10:00	**Sustainability in Primary Care Respiratory Practice: Small Changes, Real Impact** Ioanna Tsiligianni (Heraklion (Crete), Greece)	**99**
10:15	**Discussion and Q&A** All speakers	**100**

3D Session 13 09:30 - 13:00

Postgraduate course: PG2 PG2: A comprehensive overview and emerging developments in asthma – €

Additional registration is required for this session

Aims : To discuss and consider how to address challenges related to asthma, which affects a significant proportion of the population across all age groups, including the complexity of asthma assessment due to the presence of multiple phenotypes, difficulties in accurately diagnosing asthma and effective patient monitoring, and the fact it coexists with other diseases and conditions throughout the whole lifespan.

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Clinical, Basic science, Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Tr anslational , Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational)

Chairs : Apostolos Bossios (Stockholm, Sweden), Florence Schleich (Liège, Belgium), Stefania Principe (Amsterdam, Netherlands)

09:30	**Asthma pathobiology and its relationship to clinical and biological features** Salman H. Siddiqui (London, United Kingdom)	**101**
09:50	**Discussion and Q&A** All speakers	**102**
10:00	**Diagnosis, assessment and monitoring of asthma phenotypes throughout the lifespan: current challenges and limitations** Hitasha Rupani (Southampton, United Kingdom)	**103**
10:20	**Discussion and Q&A** All speakers	**104**
10:30	**Pharmacological asthma treatment: current controversies and guidelines for initiating, escalating and de-escalating therapy from inhaled corticosteroids to biologics** Enrico Marco Heffler (Milano, Italy)	**105**
10:50	**Discussion and Q&A** All speakers	**106**
11:00	**Break** All speakers	**107**
11:30	**Asthma in patients with multimorbidity: clinical and management challenges** Charlotte Suppli Ulrik (Virum, Denmark)	**108**
11:50	**Discussion and Q&A** All speakers	**109**
12:00	**Group assignment** Enrico Marco Heffler (Milano, Italy), Hitasha Rupani (Southampton, United Kingdom)	**110**

3E Session 14 09:30 - 13:00

Postgraduate course: PG3 PG3: The multidisciplinary diagnosis of interstitial lung disease – €

Additional registration is required for this session

Aims : To give attendees a practical real-world experience of being part of an international group of experts in an interstitial lung disease (ILD) multidisciplinary team (MDT) discussion; to enable attendees to actively participate in the MDM discussion and in diagnosing a number of real-world cases; to describe the roles of the varied members of an ILD MDM meeting; to interpret high-resolution computed tomography patterns in common ILD diagnosis; to highlight the value of bronchoalveolar lavage and lung biopsy in ILD diagnosis; to explain how to manage some of the common ILD diagnoses, including idiopathic pulmonary fibrosis, sarcoidosis, fibrotic hypersensitivity pneumonitis and connective tissue diseases.

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Pulmonary function testing

Tag(s) : Clinical, Translational

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Respiratory therapist, Pharmacist

Chairs : Nazia Chaudhuri (Limavady, United Kingdom), Sara Piciucchi (Forlì, Italy), Aurelie Fabre (Dublin 4, Ireland), Oliver Distler (Zurich, Switzerland)

09:30	**Introduction** All speakers	**111**
09:35	**Case 1: A 60-year-old with progressive breathlessness: how sure is sure enough? Diagnostic confidence in suspected idiopathic pulmonary fibrosis** Wim A. Wuyts (Leuven, Belgium)	**112**
10:15	**Case 2: Out of sight, out of mind: a case to illustrate the new ERS/ATS international multidisciplinary classification of interstitial pneumonia** Nazia Chaudhuri (Limavady, United Kingdom)	**113**
10:55	**Break** All speakers	**114**
11:30	**Case 3: Systemic sclerosis-associated interstitial lung disease: balancing inflammation and fibrosis** GEORGE MARGARITOPOULOS (THESSALONIKI, Greece)	**115**
12:10	**Case 4: The many faces of lung cysts** Nazia Chaudhuri (Limavady, United Kingdom)	**116**
12:50	**Final remarks** All speakers	**117**

3F Session 15 09:30 - 13:00

Postgraduate course: PG4 PG4: Masterclass in pulmonary function testing: from spirometry to advanced physiology – €

Additional registration is required for this session

Aims : To support respiratory health professionals who already use pulmonary function tests but want to improve their interpretation skills and integrate advanced techniques into complex clinical decision-making; to teach participants how to replace the use of arbitrary cut-offs for pulmonary function with statistically robust methods (percentage predicted FEV1 for severity classification, and lower limit of normal scores and Z-scores for diagnosis), to ensure accurate classification of normal versus abnormal function across all age groups; to teach participants how to recognise pathologies at spirometry extremes – that is, preserved ratio impaired spirometry (PRISm), indicative of pre-COPD, and supranormal results, indicative of early restriction/athlete physiology – and how to determine when lung volume/diffusing capacity of the lungs for carbon monoxide (DLCO)/oscillometry investigation is warranted beyond “normal” ranges; to provide frameworks for interpreting DLCO and DLCO alveolar volume (DLCO/VA) patterns to identify pulmonary vascular disease, early interstitial lung disease and prognostic markers in COPD/post-COVID-19 fibrosis when spirometry results appear normal or non-specific; to explain how to detect treatable small airway dysfunction using maximal expiratory flow between 25% and 75% of FVC (MEF25-75), residual volume trends and oscillometry (AX, R5-R20, X5), linking PRISm patients with early intervention, before spirometric obstruction develops;

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Physiology Pulmonary function testing

Tag(s) : Clinical, Prevention, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Chung-Wai Chow (Toronto (ON), Canada)

09:30	**Spirometry interpretation done right: percentage predicted FEV1, LLN, Z-scores versus dangerous cut-offs** Vicky Moore (Coventry, United Kingdom)	**118**
09:50	**Discussion and Q&A** All speakers	**119**
10:00	**Group assignment: spirometry interpretation** Vicky Moore (Coventry, United Kingdom)	**120**
10:15	**PRISm and supranormal spirometry: the abnormal “normals”** Marija Vukoja (Sremska Kamenica, Republic of Serbia)	**121**
10:35	**Discussion and Q&A** All speakers	**122**
10:45	**Group assignment: PRISm and supranormal spirometry** Marija Vukoja (Sremska Kamenica, Republic of Serbia)	**123**

11:00	**Break** All speakers	**124**
11:30	**DLCO revisited: a window into pulmonary vascular health** Bruce Thompson (Parkville, Australia)	**125**
11:50	**Discussion and Q&A** All speakers	**126**
12:00	**Group assignment: DLCO interpretation** Bruce Thompson (Parkville, Australia)	**127**
12:15	**Detecting small airways: where spirometry ends and oscillometry starts** Sam Bayat (Grenobe, France)	**128**
12:35	**Discussion and Q&A** All speakers	**129**
12:45	**Group assignment: understanding oscillometry** Sam Bayat (Grenobe, France)	**130**

3G Session 16 09:30 - 13:00

Postgraduate course: PG5 PG5: Mastering non-invasive ventilation: acute and long-term management – €

Additional registration is required for this session

Aims : To describe clinical decision-making and optimisation across the continuum of care; to provide participants with a structured understanding of non-invasive ventilation across acute and long-term care settings, focusing on clinical decision-making, appropriate use of non-invasive ventilation in different care environments and strategies for implementation, monitoring and optimisation to improve patient outcomes across the continuum of care.

Disease(s) : Respiratory critical care

Method(s) : Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : João Carlos Winck (Vila Nova de Gaia, Portugal), Claudia Crimi (Catania (CT), Italy)

09:30	**Strategies for successful non-invasive ventilation in the acute setting: starting and stopping** Lise Piquilloud (Lausanne, Switzerland)	**131**
09:50	**Discussion and Q&A** All speakers	**132**
10:00	**Non-invasive ventilation across the continuum of care: the transition** Raffaele Scala (Arezzo, Italy)	**133**
10:20	**Discussion and Q&A** All speakers	**134**
10:30	**Long-term non-invasive ventilation: settings and modes – the how** Capucine Morelot-Panzini (Paris, France)	**135**
10:50	**Discussion and Q&A** All speakers	**136**
11:00	**Long-term non-invasive ventilation: monitoring and optimisation – the check** Manuel Lujan Torne (Sabadell (Barcelona), Spain)	**137**
11:20	**Discussion and Q&A** All speakers	**138**
11:30	**Break** All speakers	**139**
12:00	**Group assignment** Manuel Lujan Torne (Sabadell (Barcelona), Spain), Lise Piquilloud (Lausanne, Switzerland)	**140**

3H Session 17 09:30 - 13:00

Postgraduate course: PG6 PG6: Pulmonary vascular involvement in systemic diseases – €

Additional registration is required for this session

Aims : To provide an in-depth account of pulmonary vascular involvement in systemic diseases, with a focus on underlying pathophysiological mechanisms, clinical presentation and disease-specific patterns; to explain how to enhance diagnostic proficiency through the integration of clinical assessment, imaging, pulmonary function testing and hemodynamic evaluation, while emphasising contemporary classifications and differential diagnosis; to familiarise participants with current and emerging therapeutic strategies, multidisciplinary management approaches and prognostic implications, enabling clinicians to optimise patient outcomes and translate evolving evidence into clinical practice.

Method(s) : General respiratory patient care Imaging Physiology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Physiologist

Chairs : Robin Condliffe (Sheffield (South Yorkshire), United Kingdom), Athénaïs Boucly (Le Kremlin-Bicêtre, France), Yochai Adir (Haifa, Israel)

09:30	**Hereditary haemorrhagic telangiectasia and pulmonary vascular disease** Josanna Rodriguez-Lopez (Boston, United States)	**141**
09:50	**Discussion and Q&A** All speakers	**142**
10:00	**Systemic vasculitis with involvement of pulmonary vessels** Gülen Hatemi (Istanbul , Türkiye)	**143**
10:20	**Discussion and Q&A** All speakers	**144**
10:30	**Connective tissue diseases and pulmonary vascular involvement** Vincent Cottin (Lyon, France)	**145**
10:50	**Discussion and Q&A** All speakers	**146**
11:00	**Break** All speakers	**147**
11:30	**Pulmonary vascular involvement in systemic disease: case-based discussion** Robin Condliffe (Sheffield (South Yorkshire), United Kingdom)	**148**

3K Session 18 09:30 - 13:00

Postgraduate course: PG7 PG7: Foundations of immunology in chronic respiratory diseases: a translational approach – €

Additional registration is required for this session

Aims : To present core immunological mechanisms (innate/adaptive) driving lung inflammation and repair in respiratory diseases; to link immune pathways to clinical phenotypes, endotypes and targeted therapies in COPD, asthma, interstitial lung disease and beyond; to critically interpret translational immunology studies, including single-cell omics and biomarker validation; to apply immunological concepts to designing clinical trials, biomarker studies and patient management strategies.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Translational , Basic science, Clinical, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : Theodore Kapellos (Munich, Germany), Padmini Khedoe (Den Haag, Netherlands)

09:30	**Innate immune pathways in lung inflammation: neutrophils, macrophages and beyond** Susanne Herold (Gießen, Germany)	**149**
09:50	**Discussion and Q&A** All speakers	**150**
10:00	**Adaptive immunity in airway diseases: T cells, B cells and tissue remodelling** Milena Sokolowska (Davos, Switzerland)	**151**

10:20	**Discussion and Q&A** All speakers	**152**
10:30	**Immune-targeted therapies in respiratory medicine: from biologics to small molecules** Yohannes Tesfaigzi (Boston, United States)	**153**
10:50	**Discussion and Q&A** All speakers	**154**
11:00	**Prenatal immune development: shaping lifelong lung health and disease susceptibility** Masahiro Yoshida (Tokyo, Japan)	**155**
11:20	**Discussion and Q&A** All speakers	**156**
11:30	**Break** All speakers	**157**
12:00	**Group assignment** Padmini Khedoe (Den Haag, Netherlands)	**158**

3C Session 19 10:00 - 17:30

Patient: ELF Patient Organisation Networking Day - by invitation only

Aims : By invitation only

Chairs : Stefano Pavanello (Rovigo (RO), Italy), Eleonora Volpato (Graz, Austria), Carlos Pons (Palma, Spain), Hilary Pinnock (Edinburgh, United Kingdom)

10:00	**Welcome and networking (in person attendees only)** Dimitris Kontopidis (ATHENS, Greece)	**159**
11:00	**Welcome to all attendees from Dimitris Kontopidis, ELF Chair** Dimitris Kontopidis (ATHENS, Greece)	**160**
11:10	**Introduction to session 1** Stefano Pavanello (Rovigo (RO), Italy), Eleonora Volpato (Graz, Austria)	**161**
11:15	**ERS President address** Joanna Chorostowska-Wynimko (Warsaw, Poland), Marc Miravitlles (Barcelona, Spain)	**162**
11:25	**Introducing the ELF Award winner 2026 & Partnership in practice: patient-professional testimonial video** Daphne Raad (Den Haag, Netherlands), Clare Lyon (, United Kingdom), Eleni Stamouli (Thessaloniki, Greece), Andrew Bush (London, United Kingdom), Daiana Stolz (Freiburg, Germany)	**163**
11:35	**Keynote speech: Patients and Professionals as One Team in Bronchiectasis Research and Care** Eliza Kompatsiari (Thessaloniki, Greece), James D. Chalmers (Dundee (Angus), United Kingdom)	**164**
11:55	**Panel discussion: Partnership in Action: How to build better care side by side** Stefano Pavanello (Rovigo (RO), Italy), Eleonora Volpato (Graz, Austria), Eliza Kompatsiari (Thessaloniki, Greece), James D. Chalmers (Dundee (Angus), United Kingdom), Éric SALONE (Paris, France), Jean-Michel Fourrier (Saint-Aubin-de-Medoc, France), Michael Kreuter (Mainz, Germany)	**165**
12:25	**Q&A with the audience** All speakers	**166**
12:40	**Lunch break and networking** All speakers	**167**
13:40	**Introduction to session 2** Carlos Pons (Palma, Spain), Hilary Pinnock (Edinburgh, United Kingdom)	**168**
13:45	**Report from Primary Care Day – the patient chair's perspective** Debra Montague (USK, United Kingdom)	**169**
13:55	**Panel discussion: Partnership in Action: Addressing systemic barriers through collaboration** Carlos Pons (Palma, Spain), Hilary Pinnock (Edinburgh, United Kingdom), Marion Wilkens (Gernsheim, Germany), Oksana Kulish Skåra (Lviv, Ukraine), Ourania Koltsida (Athens, Greece), Haneefa Alam (High Wycombe, United Kingdom), Alba Ubide (Overijse, Belgium)	**170**

14:25	**Q&A with the audience** All speakers	**171**
14:40	**How are patient organisations driving partnership? – Video reel** Blanca Angulo Munoz (Pamplona, Spain), Theresa Burgoyne (, United Kingdom), Fernanda Aspilche Ferro (Lovendegem, Belgium), Liliya Belenko Gentet (Drucourt, France)	**172**
14:50	**Comfort break** All speakers	**173**
15:10	**Introduction to session 3** Carlos Pons (Palma, Spain), Hilary Pinnock (Edinburgh, United Kingdom)	**174**
15:15	**Break out group discussions** All speakers	**175**
15:45	**Break out group discussions** All speakers	**176**
16:35	**Plenary** All speakers	**177**
17:00	**Plenary** All speakers	**178**
17:20	**Welcome to ELF Chair Elect and closing words** Dimitris Kontopidis (ATHENS, Greece), Phil Taverner (Bromham, United Kingdom)	**179**

1A Session 21 10:15 - 11:00

Forum: Mechanisms to prevention: shaping the future of respiratory health: part 2

Primary prevention

Aims : to explore strategies for the early detection and prevention of respiratory disease; to discuss approaches and emerging tools to enable earlier diagnosis and intervention; to consider how early detection can be translated into improved patient care and outcomes.

Tag(s) : Clinical, Translational , Prevention

Chairs : Didier Cataldo (Liege, Belgium), Rosa Faner (Barcelona, Spain)

10:15	**Best strategy for early detection of lung disease: population screening** James Allinson (London, United Kingdom)	**180**
10:30	**Best strategy for early detection of lung disease: case findings** Monika Gappa (Düsseldorf, Germany)	**181**
10:45	**Discussion and Q&A** All speakers	**182**

Studio Session 22 10:15 - 11:00

Perspective discussion: Rethinking scientific discovery: exploration or explanation

Aims : To provide an overview of the pros and cons of data- and mechanism-driven research; to increase awareness of the drawbacks and limitations, as well as advantages and opportunities, of such research, and in this way highlight the importance of conducting both types of research in synergy because, for example, data-driven research could/should uncover potential mechanisms that must still be formally tested; to discuss the fact that, in an era of data abundance and increased use of artificial intelligence and modelling approaches, it should be kept in mind that mechanism-driven research is still needed to provide proof of models, causality and hypotheses, but that, on the other hand, data-driven research can point towards mechanisms that cannot be inferred by the human mind.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : Cell and molecular biology Imaging Physiology

Tag(s) : Translational , Basic science

Target audience : Clinical researcher, Medical Student, Scientist (basic, translational)

Chairs : Andrea Gramegna (Milano (MI), Italy), Sara Cuevas Ocaña (Cambridge, United Kingdom), Irene Nevado (Madrid, Spain)

10:15	**Questions Need Data: When data outpace human curiosity** Åsa Wheelock (Stockholm, Sweden)	**183**
10:30	**Data need questions: when inquiry shapes discovery** Silke Meiners (Sülfeld, Germany)	**184**

10:45	**Discussion and Q&A** All speakers	**185**

1A Session 23 11:15 - 12:15

Forum: Mechanisms to prevention: shaping the future of respiratory health: part 3

Secondary prevention - early detection

Aims : to explore strategies for the early detection and prevention of respiratory disease; to discuss approaches and emerging tools to enable earlier diagnosis and intervention; to consider how early detection can be translated into improved patient care and outcomes.

Tag(s) : Clinical, Prevention, Translational

Chairs : Didier Cataldo (Liege, Belgium), Rosa Faner (Barcelona, Spain)

11:15	**Digital tools** Amy Hai Yan Chan (Auckland, New Zealand)	**186**
11:30	**Imaging biomarkers** Arnaud Bourdin (Montpellier, France)	**187**
11:45	**Novel lung physiology** Laura Graciela Gochicoa Rangel (Ciudad de México, Mexico)	**188**
12:00	**Discussion and Q&A** All speakers	**189**

3L Session 24 11:15 - 12:45

Language session: French programme

A joint ERS–SPLF session

Aims : To present news in the field of respiratory diseases (in French and translated into English for the online audience).

Method(s) : Physiology

Tag(s) : Basic science, Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher

Chairs : François-Xavier Blanc (Nantes Cedex 1, France), David Montani (Le Kremlin-Bicêtre, France)

11:15	**Severe asthma in adults: what to do when remission is reached?** Cindy Barnig (Besançon, France)	**190**
11:25	**Sleep recording and artificial intelligence: will we soon no longer need pulmonologists?** Justine Frija (Paris, France)	**191**
11:35	**New therapeutic approaches in the management of bronchiectasis** Marlène Murris-Espin (Toulouse Cedex 9, France)	**192**
11:45	**News on the therapeutic management of small-cell lung cancer** Simon Baldacci (Lille, France)	**193**
11:55	**What is the role of quantitative imaging in chronic respiratory diseases?** Gaël Dournes (Pessac, France)	**194**
12:05	**News on the treatment of non-tuberculous pleural infections** Damien Basille (Amiens, France)	**195**
12:15	**Discussion and Q&A** All speakers	**196**

3B Session 25 11:15 - 12:45

Forum: Primary and integrated respiratory care: part 2

Fostering patient and community partnerships for enhanced outcomes and sustainable health solutions

Aims : To examine how co-creation approaches, digital health solutions and evidence-based implementation strategies can support integrated care, linking research, primary care and communities across diverse settings; to highlight, by drawing on international perspectives, practical lessons applicable to both high- and low-resource contexts, aligned with ERS priorities in patient-centred, integrated and sustainable respiratory care.

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Scientist (basic, translational), Journalist, Pharmacist

Chairs : Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Luke Daines (Edinburgh (Edinburgh), United Kingdom), Debra Montague (USK, United Kingdom)

11:15	**From co-applicants to co-authors: patients as partners throughout the respiratory research cycle** Tracy Jackson (Edinburgh (Edinburgh), United Kingdom)	**197**
11:30	**From digital monitoring to data: working together to improve respiratory health** Nicholas Hopkinson (London, United Kingdom)	**198**
11:45	**From self-management to co-designing care: patients as stakeholders in developing culturally appropriate care** Anne Chang (Brisbane (QLD), Australia)	**199**
12:00	**From evidence to practice: patient co-design in preventing respiratory disease** Rianne van der Kleij (Leiden, Netherlands)	**200**
12:15	**Discussion and Q&A** All speakers	**201**

Studio Session 26 11:15 - 12:00

Experts interview: Cystic fibrosis: current patient challenges and models of care

Aims : To review current challenges in cystic fibrosis management across diverse patient populations and healthcare settings, with a focus on unmet clinical needs, access to care and strategies for delivering equitable and effective care globally.

Tag(s) : Clinical, Translational , Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Andrea Gramegna (Milano (MI), Italy), Sara Cuevas Ocaña (Cambridge, United Kingdom), Irene Nevado (Madrid, Spain)

11:15	**When modulators are not an option: caring for patients beyond precision therapy** Filia Diamantea (Athens, Greece)	**202**
11:30	**Global cystic fibrosis care – the need for a unified and equitable response** Peter Middleton (Sydney (NSW), Australia)	**203**
11:45	**Discussion and Q&A** All speakers	**204**

Studio Session 27 13:00 - 13:45

EU project: IDERHA: better access to lung cancer patient data for improved clinical research and patient outcomes

IDERHA: integrating health data

Aims : To demonstrate to clinicians how they can access, integrate and analyse health data across institutions to maximise their value for patient care and medical research by using the IDERHA data space; to list what types of data IDERHA works with and explain how data can be securely analysed in the federated setting; to explain which technical and legal requirements need to be fulfilled to work within IDERHA solutions; to explore how data security and the privacy of patients are addressed by IDERHA; to list the benefits of working with IDERHA for data holders and data analysers; to highlight a case study involving several ERS partners.

Disease(s) : Thoracic oncology

Method(s) : Imaging Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Patient, Radiologist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Luis Seijo (Madrid, Spain), Chantal Vandendungen (Juprelle, Belgium), Judith Garcia-Aymerich (Barcelona, Spain)

13:00	**IDERHA: a federated data space to improve clinical research and patient outcomes** Philip Gribbon (Hamburg, Germany)	**205**
13:15	**Case study: how data connectivity can enhance lung cancer screening** Rebecca Graebig-Rancourt (Berlin, Germany)	**206**

13:30	**Discussion and Q&A** All speakers	**207**

3L Session 28 14:00 - 15:30

Language session: Spanish/Portuguese programme

Pneumonia in adults: the present and the future. A joint ERS/ALAT/SBPT/SEPAR/SPP session

Aims : To examine present and future challenges in the management of pneumonia in adults, covering topics such as the epidemiological situation, the reasons for the expected increase in the coming years, the need for early diagnosis and severity stratification (and, in that regard, the use of rapid diagnostic tests and the usefulness of biomarkers), how to guide empirical and personalised therapy in patients with conditions of increasing complexity, and the role of corticosteroids, antimicrobial resistance, the respiratory microbiome and artificial intelligence.

Disease(s) : Respiratory critical care Respiratory infections

Method(s) : Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Jorge Alberto de Magalhães Ferreira (Vila Nova de Gaia, Portugal), David De La Rosa Carrillo (Badalona (Barcelona), Spain)

14:00	**Why the incidence of community-acquired pneumonia is increasing and how to address this challenge** Filipe Froes (Lisboa, Portugal)	**208**
14:15	**Pneumonia in the coming years: from early diagnosis to therapeutic decision-making** Ramiro Dourado Maranhão (Goiânia (GO), Brazil)	**209**
14:30	**The complexity of the patient with pneumonia: the role of biomarkers, corticosteroids and antimicrobial resistance** Francisco Sanz Herrero (Valencia, Spain)	**210**
14:45	**When pneumonia isn't pneumoniae** Adrian Rendon (Monterrey, Mexico)	**211**
15:00	**Discussion and Q&A** All speakers	**212**

3B Session 29 14:00 - 15:00

Forum: Paediatrics: part 1

Diagnostic methods in children with respiratory disorders

Aims : To enhance participants' understanding of key diagnostic approaches in children with respiratory disorders; to support paediatricians and other healthcare providers involved in the care of patients with paediatric respiratory diseases through presentations on lung function testing and advanced diagnostic techniques, covering the appropriate selection, interpretation and clinical integration of these tools in everyday paediatric respiratory practice; to review the use of diagnostic techniques in children with interstitial lung disease, which poses a significant challenge in clinical practice.

Disease(s) : Paediatric respiratory diseases

Method(s) : Imaging Physiology Pulmonary function testing

Tag(s) : Clinical, Translational , Global reach, Prevention

Target audience : General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Refika Hamutcu Ersu (Ottawa, Canada), Deepa Patel (Leicester, United Kingdom)

14:00	**Dealing with global lung function reference values in children** Sanja Stanojevic (Halifax (NS), Canada)	**213**
14:15	**What is the role of functional lung MRI in children?** Philipp Latzin (Bern, Switzerland)	**214**
14:30	**Clinical approach to diagnosing and classifying childhood interstitial lung disease: from suspicion to specific entity** Honorata Marczak (Warszawa, Poland)	**215**
14:45	**Discussion and Q&A** All speakers	**216**

3D Session 30 14:00 - 17:30

Postgraduate course: PG8 PG8: Masterclass in COPD: old pitfalls and novel challenges – €

Additional registration is required for this session

Aims : To provide an overview of COPD, which is a complex disease, and recent research that has substantially advanced our understanding of its pathophysiology while driving the development of new therapeutic approaches; to highlight the importance of staying informed and critically appraising these advances; to provide up-to-date insights on recent developments that translate into improved patient care.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Public health

Tag(s) : Clinical, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Physician in Pulmonary Training

Chairs : Alexander Mathioudakis (Manchester, United Kingdom), Augusta Beech (Manchester, United Kingdom)

14:00	**Understanding COPD pathophysiology: pulmonary and systemic inflammation interplay** Francesca Polverino (Houston, United States)	**217**
14:20	**Discussion and Q&A** All speakers	**218**
14:30	**Diagnostic challenges across COPD phenotypes: lost in translation** Frits M.E. Franssen (Maastricht, Netherlands)	**219**
14:50	**Discussion and Q&A** All speakers	**220**
15:00	**Novel therapies for COPD: looking back and moving towards the future** Klaus F. Rabe (Kiel, Germany)	**221**
15:20	**Discussion and Q&A** All speakers	**222**
15:30	**Break** All speakers	**223**
16:00	**COPD and cardiovascular disease: addressing a critical connection** Jens-Ulrik Stæhr Jensen (København Ø, Denmark)	**224**
16:20	**Discussion and Q&A** All speakers	**225**
16:30	**Group assignment** Frits M.E. Franssen (Maastricht, Netherlands), Augusta Beech (Manchester, United Kingdom), Jens-Ulrik Stæhr Jensen (København Ø, Denmark)	**226**

3E Session 31 14:00 - 17:30

Postgraduate course: PG9 PG9: Diagnosis and management of sarcoidosis from a multiorgan perspective – €

Additional registration is required for this session

Aims : To teach participants how to diagnose pulmonary sarcoidosis using different tools such as imaging, tissue biopsy and biomarkers and become acquainted with the pitfalls during the diagnostic trajectory; to discuss the role of steroid-sparing agents in this disease; to increase participants' knowledge of the diagnosis and management of multiple extrapulmonary localisations of sarcoidosis; to describe how to recognise common symptoms that are not organ specific in sarcoidosis and their potential treatment options; to provide an update on the immunological mechanisms of new treatment options for sarcoidosis that could be available in the near future.

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Medical Student, Nurse, Radiologist, Respiratory therapist

Chairs : Irina Ruxandra Strambu (Bucuresti (Sector 5), Romania), Jacobo Sellares Torres (Barcelona, Spain), Filippo Martone (Bologna (BO), Italy)

14:00	**Practical aspects of diagnosing and treating pulmonary sarcoidosis** Florence Jeny (bobigny, France)	**227**

14:20	**Discussion and Q&A** All speakers	**228**
14:30	**Sarcoidosis outside the lungs: what to do and who to ask?** Rohit Gupta (Bryn Mawr, United States)	**229**
14:50	**Discussion and Q&A** All speakers	**230**
15:00	**Holistic approach to management in sarcoidosis: airy-fairy or necessity?** Marcel Veltkamp (De Meern, Netherlands)	**231**
15:20	**Discussion and Q&A** All speakers	**232**
15:30	**Back to basics: understanding immunological disease mechanisms as the backbone for emerging treatment options in sarcoidosis** Anna Smed-Sörensen (Stockholm, Sweden)	**233**
15:50	**Discussion and Q&A** All speakers	**234**
16:00	**Break** All speakers	**235**
16:30	**Group assignment** Jacobo Sellares Torres (Barcelona, Spain), Rohit Gupta (Bryn Mawr, United States)	**236**

3F Session 32 14:00 - 17:30

Postgraduate course: PG10 PG10: Fundamentals of cardiopulmonary exercise testing to evaluate unexplained breathlessness – €

Additional registration is required for this session

Aims : To explain the pathophysiology of breathlessness and the mechanisms underlying dyspnoea and its relationship with exercise limitation; to help participants to (1) appreciate the place of cardiopulmonary exercise testing (CPET) as the optimal tool for evaluating exertional dyspnoea, (2) recognise physiological patterns that can be identified by CPET in the assessment of exertional breathlessness and (3) understand how to utilise CPET to differentiate between cardiac, respiratory, vascular, peripheral or other causes of unexplained breathlessness.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Physiology | Pulmonary rehabilitation

Tag(s) : Clinical, Translational , Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Di gital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist

Chairs : Afroditi Boutou (Thessaloniki, Greece), Michele R. Schaeffer (Vancouver, Canada)

14:00	**Unexplained or complex breathlessness: what is the problem and how does the CPET fit in?** Luke Howard (London, United Kingdom)	**237**
14:20	**Discussion and Q&A** All speakers	**238**
14:30	**How can pulmonologists use CPET to reveal the cause of unexplained breathlessness in lung diseases?** J. Alberto Neder (Kingston, Canada)	**239**
14:50	**Discussion and Q&A** All speakers	**240**
15:00	**The breathless patient with cardiovascular disease: using CPET to find an answer** Thomas Gille (Bobigny, France)	**241**
15:20	**Discussion and Q&A** All speakers	**242**
15:30	**Breathlessness in trained individuals: can CPET facilitate diagnosis?** Hayley Lewthwaite (Merewether, Australia)	**243**

15:50	**Discussion and Q&A** All speakers	**244**
16:00	**Break** All speakers	**245**
16:30	**Clinical case discussion** Afroditi Boutou (Thessaloniki, Greece), Michele R. Schaeffer (Vancouver, Canada)	**246**

3G Session 33 14:00 - 17:30

Postgraduate course: PG11 PG11: Modern concepts in phenotyping and personalised treatment of obstructive sleep apnoea – €

Additional registration is required for this session

Aims : To explain obstructive sleep apnoea as a heterogeneous disorder with distinct pathophysiological phenotypes; to explain how to integrate sleep study findings, symptoms and comorbidities into clinical phenotyping; to explain how to apply phenotype-driven treatment strategies beyond the Apnoea–Hypopnoea Index; to highlight the relevance of differential long-term outcomes and implications for precision medicine.

Disease(s) : Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Public health

Tag(s) : Clinical, Translational , Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, General practitioner, Nurse, Physician in Pulmonary Training

Chairs : Matteo SICILIANO (Roma, Italy), Carolina Lombardi (Milano (MI), Italy)

14:00	**Understanding the clinical relevance of obstructive sleep apnoea: what do sleep studies really tell us?** Dries Testelmans (Leuven, Belgium)	**247**
14:25	**Discussion and Q&A** All speakers	**248**
14:30	**Clinical phenotypes of obstructive sleep apnoea: symptoms, sex differences and comorbidities** Esther Irene Schwarz (Zürich, Switzerland)	**249**
14:55	**Discussion and Q&A** All speakers	**250**
15:00	**Treatment concepts for obstructive sleep apnoea: matching therapy to phenotype** Winfried J. Randerath (Solingen, Germany)	**251**
15:25	**Discussion and Q&A** All speakers	**252**
15:30	**Break** All speakers	**253**
16:00	**Improving long-term outcomes and considering the patient's perspective: gaps and actions needed** Sophia E. Schiza (Heraklion, Greece), Carla Miltz (Solingen, Germany)	**254**
16:30	**Discussion and Q&A** All speakers	**255**
16:35	**Group assignment** Matteo SICILIANO (Roma, Italy)	**256**

3H Session 34 14:00 - 17:30

Postgraduate course: PG12 PG12: Mediastinal staging of lung cancer: implications of the 9th edition of the TNM classification of malignant tumours – €

Additional registration is required for this session

Aims : To explain the clinical implications of the ninth edition of the TNM Classification of Malignant Tumours for the mediastinal staging of lung cancer; to consider the implications of updated lung cancer mediastinal staging guidance for treatment decisions within various disciplines (respiratory, thoracic oncology, thoracic surgery, radiotherapy); to describe the principles of implementing the updates in real-life clinical scenarios.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Surgery

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Global reach

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Patient, Physician in Pulmonary Training, Radiologist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Mohammed Munavvar (Preston, United Kingdom), Ilona Tietzova (Prague, Czech Republic)

14:00	**Lung cancer staging in the 9th edition of the TNM classification of malignant tumours: redefining the mediastinum** Georgia Hardavella (Athens, Greece)	**257**
14:20	**Discussion and Q&A** All speakers	**258**
14:30	**Case discussion: lung cancer staging in the 9th edition of the TNM classification of malignant tumours** Darlene Mercieca (Zebbug, Malta)	**259**
15:00	**Sequence of imaging and sampling techniques with 9th TNM tinted spectacles** Aleš Rozman (Golnik, Slovenia)	**260**
15:20	**Discussion and Q&A** All speakers	**261**
15:30	**Case discussion: sequence of imaging and sampling techniques with 9th edition of the TNM classification-tinted spectacles** Armin Frille (Leipzig, Germany)	**262**
16:00	**Coffee break** All speakers	**263**
16:30	**Applying TNM staging in real-life clinical scenarios: a multidisciplinary team approach** Georgia Hardavella (Athens, Greece), Aleš Rozman (Golnik, Slovenia), Armin Frille (Leipzig, Germany), Darlene Mercieca (Zebbug, Malta)	**264**

3K Session 35 14:00 - 17:30

Postgraduate course: PG13 PG13: Pulmonary aspergillosis – €

Additional registration is required for this session

Aims : To explain how to (1) identify key clinical phenotypes of pulmonary aspergillosis, such as invasive pulmonary aspergillosis, chronic pulmonary aspergillosis and allergic bronchopulmonary aspergillosis, (2) select and interpret appropriate diagnostic modalities, including biomarkers and imaging, (3) initiate and monitor antifungal therapy, considering toxicities and drug–drug interactions, (4) identify antifungal resistance and adapt treatment accordingly and (5) apply clinical decision pathways in complex case scenarios, such as in the case of antifungal resistance or co-infection with non-tuberculous mycobacteria.

Disease(s) : Respiratory critical care Respiratory infections

Method(s) : General respiratory patient care Respiratory intensive care Transplantation

Tag(s) : Clinical, Prevention

Target audience : Adult pulmonologist/Clinician, Respiratory critical care physician, Physician in Pulmonary Training, Radiologist, Pharmacist

Chairs : Eva Van Braeckel (Ghent, Belgium), Claire Andrejak (Amiens, France)

14:00	**Patient testimonial video** Pierre De Villiers (Brighton, United Kingdom)	**265**
14:05	**Clinical spectrum of pulmonary aspergillosis** Helmut Salzer (Linz, Austria)	**266**
14:25	**Discussion and Q&A** All speakers	**267**
14:35	**Invasive pulmonary aspergillosis in the intensive care unit** Laura Mezzogori (Genova, Italy)	**268**
14:55	**Discussion and Q&A** All speakers	**269**

15:05	**Diagnosing pulmonary aspergillosis: choosing the right tool at the right time** Paul Verweij (Nijmegen, Netherlands)	**270**
15:25	**Discussion and Q&A** All speakers	**271**
15:35	**Break** All speakers	**272**
16:00	**All you need to know about antifungals** Roger Brüggemann (Nijmegen, Netherlands)	**273**
16:20	**Discussion and Q&A** All speakers	**274**
16:30	**Clinical case workshop 1: managing chronic pulmonary aspergillosis – thinking inside and outside the box** Eva Van Braeckel (Ghent, Belgium)	**275**
17:00	**Clinical case workshop 2: Aspergillus and non-tuberculous mycobacteria co-infection – Bonnie and Clyde** Claire Andrejak (Amiens, France)	**6813**

3M Session 36 14:00 - 17:30

Postgraduate course: PG14 PG14: Epidemiology and environment: from research to practice – €

Additional registration is required for this session

Aims : To provide participants with theoretical and practical guidance on key aspects of respiratory epidemiology in both general and specific populations and their impact on respiratory health outcomes and phenotypes; to utilise different research scenarios to illustrate methodological choices and data interpretation; to teach participants how to design and conduct longitudinal surveys, implement respiratory surveys in occupationally exposed groups, assess the impact of a wide array of environmental factors on respiratory health across the lifespan and plan multicentre epidemiological studies with a focus on applying findings to disease prevention; to integrate methodological and theoretical principles with hands-on practical examples, covering study design, data collection, exposure assessment and analytical strategies to equip young researchers and clinicians with the tools needed to conduct high-quality respiratory epidemiological research.

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Translational , Basic science, Global reach

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training

Chairs : Giovanni Viegi (Pisa (PI), Italy), Rafael E. de la Hoz (New York, United States)

14:00	**Conducting a longitudinal respiratory study in general population samples** Ane Johannessen (Bergen, Norway)	**276**
14:20	**Discussion and Q&A** All speakers	**277**
14:30	**Conducting a respiratory survey in occupationally exposed samples** Metin Akgün (Erzurum, Türkiye)	**278**
14:50	**Discussion and Q&A** All speakers	**279**
15:00	**How to study environmental impacts on the respiratory system at the general population and patient cohort levels** Isabella Annesi Maesano (Ferrara, Italy)	**280**
15:20	**Discussion and Q&A** All speakers	**281**
15:30	**Designing a multicentre epidemiological survey and using epidemiological results for prevention** Andre F.S. Amaral (London, United Kingdom)	**282**
15:50	**Discussion and Q&A** All speakers	**283**
16:00	**Break** All speakers	**284**

16:30	**Group assignment: study design, assessment, analysis, application and discussion** All speakers	**285**

Studio — Session 37 — 14:00 - 14:25

Experts interview: Embedding family caregivers in co-design: improving outcomes in chronic respiratory disease

Aims : To demonstrate how meaningful engagement of family/friends carers can improve patient and carers outcomes, experience, and care delivery in chronic respiratory disease.

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Luis Seijo (Madrid, Spain), Chantal Vandendungen (Juprelle, Belgium), Judith Garcia-Aymerich (Barcelona, Spain)

14:00	**Embedding family care-givers in Co-design: improving outcomes in chronic respiratory disease** Alda Marques (Aveiro, Portugal)	**286**
14:15	**Discussion and Q&A** Alda Marques (Aveiro, Portugal), Arzu Yorgancıoğlu (İzmir, Türkiye)	**287**

Studio — Session 38 — 14:25 - 14:50

Experts interview: Medicine shortages and the role of healthcare professionals, scientists and patients

Aims : To explore the causes and consequences of medicine shortages and define the roles of healthcare professionals, researchers and patients in mitigating their impact.

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Luis Seijo (Madrid, Spain), Chantal Vandendungen (Juprelle, Belgium), Judith Garcia-Aymerich (Barcelona, Spain)

14:25	**Medicine shortages and the role of healthcare professionals, scientists and patients** Arzu Yorgancıoğlu (İzmir, Türkiye)	**288**
14:40	**Discussion and Q&A** Arzu Yorgancıoğlu (İzmir, Türkiye), Alda Marques (Aveiro, Portugal)	**289**

3B — Session 39 — 15:15 - 16:15

Forum: Paediatrics: part 2

Update on ERS task forces on paediatrics

Aims : To highlight recent progress within ongoing ERS clinical research collaborations and task forces focused on paediatric respiratory health linked to bronchiectasis, prematurity and neurodisability; to discuss the latest clinical insights from three different collaborative initiatives in the paediatric respiratory field.

Method(s) : General respiratory patient care

Tag(s) : Translational , Clinical, Global reach, Prevention

Target audience : Clinical researcher, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Respiratory therapist

Chairs : Alexander Möller (Zürich, Switzerland), Refika Hamutcu Ersu (Ottawa, Canada), Deepa Patel (Leicester, United Kingdom)

15:15	**Bronchiectasis in children: what have we learned so far from the ERS Clinical Research Collaboration Child-BEAR-Net?** Oleksandr Mazulov (Vinnytsia, Ukraine)	**290**
15:30	**Prematurity's effects on the lungs: what have we learned so far from the ERS clinical research collaboration PELICAN?** Shannon Simpson (Perth (WA), Australia)	**291**
15:45	**Paediatric neurodisability and respiratory morbidity: what have we learned so far?** Nadine Freitag (Krefeld, Germany)	**292**
16:00	**Discussion and Q&A** All speakers	**293**

3B — Session 40 — 16:30 - 17:30

Forum: Paediatrics: part 3

Social disparities, conflict and catastrophic injury

Aims : To explore how children's respiratory systems are uniquely vulnerable under high-risk conditions, including in relation to biological sex, armed conflict and humanitarian crises, and following catastrophic injury; to discuss integrating frontline humanitarian experience and clinical case-based insights to inform risk evaluations, inform tailored respiratory management approaches and promote the resilience of paediatric respiratory care services in extreme and resource-limited settings.

Disease(s) : Paediatric respiratory diseases | Respiratory critical care

Method(s) : General respiratory patient care | Public health | Respiratory intensive care

Tag(s) : Clinical, Translational , Global reach, Prevention

Target audience : Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory therapist, Journalist

Chairs : Alexander Möller (Zürich, Switzerland), Refika Hamutcu Ersu (Ottawa, Canada), Deepa Patel (Leicester, United Kingdom)

16:30	**The influence of disparities on intensive care outcomes in children with respiratory diseases** Berber Kapitein (Amsterdam, Netherlands)	**294**
16:45	**Respiratory management of severely burnt children** Elias Seidl (Zurich, Switzerland)	**295**
17:00	**Respiratory health of children in areas of conflict and humanitarian crisis** Amin Lamrous (Barcelona, Spain)	**296**
17:15	**Discussion and Q&A** All speakers	**297**

1A Session 41 17:45 - 19:00

Ceremony and networking sessions: ERS Opening Session

Aims : This session will officially open the ERS Congress 2026

Chairs : Joanna Chorostowska-Wynimko (Warsaw, Poland)

17:45	**ERS Opening Session** All speakers	**298**

PS-1 Session 43 08:00 - 09:30

Poster session: COPD: exacerbations, outcomes and systemic impact

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology Cell and molecular biology Public health Imaging General respiratory patient care Pulmonary function testing Physiology Surgery

Tag(s) : Clinical, Translational

Chairs : Pradeesh Sivapalan (Gentofte, Denmark), Winifred Broekman (Leiden, Netherlands), Ekaterina Legchenko (Mannheim, Germany)

Late Breaking Abstract - Eosinophil guided therapy for severe COPD – a randomised controlled trial for inhaled corti-costeroid treatment (the COPERNICOS trial) Anna Kubel Vognsen (Hellerup, Denmark), Barbara Bonnesen, Christian Rønn, Imane Alispahic, Christian Heerfordt, Louise Tønnesen, Parisa Eizadi, Søren Sperling, Jesper R Davidsen, Christina Brinkved, Anna K Vognsen, Josefin Eklöf, Diana U Kaiser, Katrine M Dircks, Niklas D Johansen, Dorthe Høgsberg, Jenny Villadsen, Louise West, Charlotte Hyldgaard, Sofie L Johansson, Christian Søborg, Christian N Meyer, Uffe Bodtger, Zitta B Harboe, Charlotte S Ulrik, Elisabeth Bendstrup, Christian B Laursen, Tor Biering-Sørensen, Jørgen Vestbo, Pradeesh Sivapalan, Jens-Ulrik Stæhr Jensen	**PA300**
Gut-Lung Axis: Gut Microbiome Dysbiosis in Chronic Obstructive Pulmonary Disease. Durdona Saipova (Tashkent, Uzbekistan), Dano Egamberdieva	**PA301**
CT-detected mucus plugs and patient-reported respiratory symptom burden and quality of life in individuals with COPD Titilope Olanipekun (Boston, United States), Ruchita Borgaonkar, Jose Martinez-Manzano, Sofia Mettler, Pietro Nardelli, Raúl San José Estépar, George Washko, Alejandro Diaz	**PA302**
Eupnea in Severe Airflow Limitation Identifies a Favorably Clinically Distinct Phenotype Spyridon Fortis (IOWA CITY, United States), Karin Hoth, Gregory Kinney, Surya Bhatt, Elizabeth Regan, James Crapo, Edwin Silverman, Pranav Saha, Alejandro Comellas	**PA303**
Natural history of bronchodilator response in COPD and its role in exacerbations and mortality Yunus Çolak (Copenhagen, Denmark), Shoaib Afzal, Anders Lundquist, Eva Rönmark, Anne Lindberg, Helena Backman	**PA304**
Evaluating the COPD-specific 90-day rehospitalization risk in patients hospitalized due to an acute COPD exacerbation based on GOLD classification Ruben Knevels (Diepenbeek, Belgium), Jelle Schils, Femke Wouters, Chris Burtin, Julie Vranken, David Ruttens	**PA306**
The baseline, acuity, and trigger (BAT) model in assessment of exacerbations of COPD Olga Corlateanu (Chisinau, Republic of Moldova), Sergiu Matcovschi, Natalia Capros, Daniela Vlad, Alexandru Corlateanu	**PA307**
Phase IIb randomized study design to evaluate AZD6793, an oral IRAK4 inhibitor, in patients with moderate to very severe COPD Lila Bahadori (Bethesda, United States), Ayman Megally, Dave Singh, Joao Ferreira, Laura Brooks, Julia Niewczas, Cecilia Kristensson, Jukka Mäenpää, Unai Caballero Cuenca, Therese Lood, Juan Domingo Gispert, Ellinor Hornberg, Caroline A Owen	**PA308**
Predictors of response to lung volume reduction surgery and endobronchial valves: A meta-analysis and meta-regression Ebtihal Alharbi (LEICESTER, United Kingdom), Michael Steiner, Neil Greening, Thomas Ward	**PA309**
Aetiology of exacerbations of chronic obstructive pulmonary disease (COPD) in a hospitalized cohort stratified by the BAt model – by the CICERO CRC Amber Beersaerts (Leuven, Belgium), Kristina Vermeersch, Ward Schoutteten, Lore Van Looke, Thierry Troosters, Stephanie Everaerts, Wim Janssens	**PA310**
Red cell distribution width and clinical severity in patients hospitalized for acute exacerbation of COPD: a pilot study Ardak Zhumagaliyeva (Astana, Kazakhstan), Aiman Kerimkulova, Zaitunam Battalova, Meruert Nazilova, Zhannur Nazilova, Gulim Kulibay, Aisana Seilbekova, Nazira Yabayeva, Araylim Abdisattar	**PA311**
Anaemia subtypes and their association with mortality and readmission in hospitalised patients with an acute COPD exacerbation Valerie Dehondt (Gent, Belgium), Nicolas Kint, Lowie Vanfleteren, Lies Lahousse	**PA312**

Arterial oxygen content as a prognostic indicator in patients with COPD **PA313**
Jose Daniel Cordero Marquez (Madrid, Spain), Stephany Ivonne Briones Alvarado, Tinixara Hernandez Hernandez, Angelica Quito Parra, Vanessa Gomez Siso, Cristina Sanchez Fernadez, Katiuska Liendo Martínez, Walther Giron Matute

Causes of mortality in adult patients within a comprehensive COPD program in a high altitude reference center **PA314**
Leidy Prada (BOGOTA, D.C., Colombia), Ana Maria Mejia, Angelica Pachon, Sandra Huertas, Camilo Rodriguez-Cortes

Smoking duration rather than pack-years determines mortality risk in chronic obstructive pulmonary disease **PA315**
Hyun Woo Lee (Seoul, Republic of Korea), Jung-Kyu Lee, Deog Kyeom Kim, Seong Yong Lim

Impact of comorbid chronic kidney disease on COPD outcomes: a nationwide cohort study in Korea **PA316**
Hwan Jin Lee (Jeonju-si, Republic of Korea), Hyo Seon Kim, Seung Yong Park, Young Bum Park, Chin Kook Rhee, You Lim Kim, Seoung Ju Park

Assessment of Mental Status in Men with Chronic Obstructive Pulmonary Disease **PA317**
Svetlana Trofimova (Astana, Kazakhstan), Bajan Ajnabekova, Arajlym Kadyrbek

Association between COPD severity and sexual dysfunction: A cross-sectional study **PA318**
Amira Jamai (Tunis, Tunisia), Emna Ben Jemia, Yassine Foudhaili, Siwar Rejeb, Haifa Zaibi, Jihen Ben Amar

Impact of COPD Severity and Gas Exchange on Sexual Health: A Cross-Sectional Study **PA319**
Emna Benjemia (Tunis, Tunisia), Yassine Foudhaili, Amenie Naaroura, Ahmed Saadi, Siwar Rejeb, Haifa Zaibi, Jihen Ben Amar

PS-10 Session 44 08:00 - 09:30

Poster session: Sleep quality in sleep apnoea: from the physiology to the symptom s

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Physiology Epidemiology General respiratory patient care Pulmonary function testing Cell and molecular biology Public health

Tag(s) : Clinical, Translational

Chairs : Carolina Lombardi (Milano (MI), Italy), John Jeba Raj Muthiah Raj (LONDON, United Kingdom), Dimitrios Kantas (Perama-Ioannina, Greece)

Late Breaking Abstract - Pulmonary Dysfunction Contributes to Nocturnal Hypoxemia Beyond Obstructive Sleep Apnea Severity in Primary Sjögren Syndrome **PA320**
EMİNE KARABUL (İSTANBUL, Türkiye), Sermin Borekci, Serdal Ugurlu, Baran Balcan

Sleep disturbances: the overlooked shared burden in obstructive airway diseases **PA321**
Charmaine J. M. Lim (Wien, Austria), Robab Breyer-Kohansal, Marie-Kathrin Breyer, Emiel F. M. Wouters, Dries Testelmans, Tobias L. Mraz

Same AHI, different hypoxia: respiratory comorbidity reshapes OSA burden beyond event counts **PA322**
Adriana Scionti (Acireale, Italy), Cristina Gangemi, Andrea Renda, Emaneule Castelli, Martina Scala, Giuseppina Pastanella, Salvatore Mancuso, Domenico Caratozzolo

Prevalence and predictors of the low arousal threshold endotype in patients with difficult-to-treat asthma and obstructive sleep apnea **PA323**
Kristina Ziherl (Golnik, Slovenia), Anja Žargaj, Irena Šarc, Peter Kopač

Comparison of sleep parameters using a wearable device to a type 1 polysomnogram among patients with symptoms of OSA at the Lung Center of the Philippines: a cross sectional analytical study **PA324**
Xanthia Lou Cristobal (Makati City, Philippines), Virginia delos Reyes, Iris Ayn Magpali

Late Breaking Abstract - Resistance and recovery: The dual-mechanism cardiopulmonary coupling sleep architecture benefit of cMAP® **PA325**
Hamed Hanafi (Halifax (NS), Canada), Matthew Hickey, Kaitlyn Dicks, Kazi Antor Hassan, Thomas Penzel, Ingo Fietze, Debra Morrison

Sleep quality in chronic kidney disease: a comparative analysis of dialysis patients and renal transplant recipients and multivariate determinants of poor sleep quality **PA326**
Abdullah Alharbi (Riyadh, Saudi Arabia), Hamdan Al-Jahdali, Turki Alharbi, Turki Almejaish, Mohammed Alsaif, Salman Alahmadi, Amer Albaroudi, Mohammad Albadr, Ziad AL-Jahdali

Beyond BMI: The effect of body composition on OSA Sezgi Şahin Duyar (Ankara, Türkiye), Yurttaş Ahmet, Deniz Çelik, Hüseyin Lakadamyalı	**PA327**
Late Breaking Abstract - Comparison of plaque biofilm growth on two mandibular advancement device materials Gregory Vogel (Pleasanton, United States), Sung Kim, Erin Mosca	**PA328**
Sleep-disordered breathing phenotypes and treatment response in children with asthma: a systematic review Eliza Wasilewska (Gdańsk, Poland), Hanna Siucińska	**PA329**
Late Breaking Abstract - A buccal mucosal oximeter embedded in a dental overlay accurately calculates oxygen desaturation index and sleep apnea-specific hypoxic burden Gregory Vogel (Pleasanton, United States), Xzavier Ozuna LaFollette, Ming-Lai Lai, John DiSimone, Kent Smith, Erin Mosca	**PA330**
Asthma phenotypes and CPAP treatment in obese patients with obstructive sleep apnea Paschalis Steiropoulos (Alexandroupolis, Greece), Konstantina Chadia, Konstantinos Archontogeorgis, Fotios Drakopanagiotakis, Evangelia Nena, Diamanto Mylopoulou, Stavros Anevlavis	**PA331**
Clinical implications of rhinitis in asthma-obstructive sleep apnea overlap syndrome Ferdaous Yangui (La Marsa, Tunisia), Wafa Fenina, Soumaya Debiche, Salma Mokaddem, Hela Cherif, Mohamed Ridha Charfi	**PA332**
Association Between Asthma and Obstructive Sleep Apnea: Clinical Profile, severity, and Impact of Positive Airway Pressure Therapy Khaoula Ben Amor (Tunis, Tunisia), Ella Nemsi, Selma Zarouk, Sabrine Louhaichi, Eya Chouaiekh, Jamel Ammar, Besma Hamdi, Anges Hamzaoui	**PA333**
The evolution of obstructive sleep apnea literature: A bibliometric assessment based on the most cited publications (2000–2024) Canan Gunduz (İstanbul, Türkiye), Basak Baran, Busra Tosun	**PA334**
The association between plasma IL-8 and obstructive sleep apnoea in children differs by body mass index z-score Ming Yang (Hong Kong, China), Joseph Gar Shun Tsun, Kathy Yuen Yee Chan, Ebe Tsz Yau Jan, Chun Ting Au, Nobel Tsz Kin Yuen, Ting Ting Chen, Natalie Moon Wah Leung, Alice Kwai Yee Siu, Albert Martin Li, Kate Ching-ching Chan	**PA335**
Serum NLRC3 levels in obstructive sleep apnea and their association with disease severity Levent Cem Mutlu (Tekirdağ, Türkiye), Meltem Yılmaz, Aliye Çelikkol, Özlem Kaymaz	**PA336**
Gender Differences in OSA-COPD overlap syndrome: data from the European Sleep Apnoea Database Izolde Bouloukaki (Heraklion (Crete), Greece), Mafalda van Zeller, Walter T. McNicholas, Johan Verbraecken, Ozen K. Basoglu, Pedro L. Ramos, Athanasia Pataka, Carolina Lombardi, Paschalis Steiropoulos, Maria R. Bonsignore, Ludger Grote, Marta Drummond, Sophia E. Schiza	**PA337**
Systemic Inflammatory Indexes in Obstructive Sleep Apnea and Overlap Syndrome before and after CPAP Antonella Gaglio (Roma, Italy), Marilena Rosella, Dario Angelone, Antonio Fabozzi, Federica Olmati, Ambra Nicolai, Alessia Steffanina, Angelo Petroianni, Paolo Palange, Matteo Bonini	**PA338**

PS-11 Session 45 08:00 - 09:30

Poster session: Optimising inhaled therapy in airway diseases: novel data

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health Pulmonary function testing Physiology Cell and molecular biology Endoscopy and interventional pulmonology

Tag(s) : Clinical, Translational , Digital health

Chairs : Milica Terzic (Belgrade, Republic of Serbia), Alexander Mathioudakis (Manchester, United Kingdom), Chin Kook Rhee (Seoul, Republic of Korea)

Late Breaking Abstract - A single dose of zumilokibart (APG777) durably suppresses FeNO through 32 weeks in patients with mild-to-moderate asthma Mario Castro (Kansas City, United States), Jeremy Cole, James DeAngelo, Erica Winter, Abby Chen, Xioaye Ma, Wei Tew, Sai Thankamony, Myreen Tomas, Glenn Whelan, Claudia Halaby, Carl Dambkowski, Amol Kamboj, Dave Singh	**PA339**

Efficacy of budesonide/formoterol/glycopyrronium in Indian patients with uncontrolled asthma: an interim analysis of a prospective, single-center study Indranil Halder (Hooghly (West Bengal), India), Arman Haque, Sanjana Shastri, Rushika Shah, Meena Lopez, Senthilnathan Mohanasundaram, Jaideep Gogtay	**PA340**
Real-world effectiveness of extrafine single inhaler triple therapy (efSITT) via NEXThaler device on health status and sleep quality in Greek COPD Patients: Results from the CONFIDENCE study Konstantinos Kostikas (Ioannina, Greece), Paschalis Steiropoulos, Konstantinos Porpodis, Evangelia Papapostolou, Petros Efstathopoulos, Stylianos Loukides	**PA341**
Effect of inhaled formoterol/glycopirronium and beclometasone on oscillometric reactance during severe exacerbations of chronic obstructive pulmonary disease. A randomised, double blind, placebo-controlled trial. Komal Malik Khanam (Tarragona, Spain), Jose Sanz-Santos, Annie Navarro Rolon, Antonio Germán Tomás, Pedro Almagro Mena	**PA342**
Early optimisation of patients with COPD attending a community spirometry diagnostic service: the benefit of specialist review Mariella Scott (Liverpool, United Kingdom), Rachel Burton, Timothy Ho, Devon Ward, Sanaa Ahmed, Carmen Bourne, Maria Christodoulou, Maria Puthoor, Hassan Burhan	**PA343**
Exacerbation-Driven or Eosinophil-Guided? Real-World ICS Decisions in COPD Ethem YILDIZ (Edirne, Türkiye), Ece Celik, Gül Mercan, Mete Pehlivanoglu, Alperen Bicen, Osman Hatipoglu	**PA344**
Changes in bronchial asthma pharmacotherapy after the introduction of the reimbursement system for controller therapy in Ukraine Oksana Poberezhets (Vinnytsia, Ukraine), Volodymyr Tsmok, Khrystyna Volnytska, Nadya Rudnytska, Olha Tolokh, Tetyana Bondarenko	**PA345**
Reduction in hort-Acting β2-Agonist Use and Improved Asthma Control Following Implementation of the "Affordable Medicines" Program in Ukraine Oksana Poberezhets (Vinnytsia, Ukraine), Volodymyr Tsmok, Khrystyna Volnytska, Nadya Rudnytska, Olha Tolokh, Tetyana Bondarenko	**PA346**
DARWIN EU® - Heterogeneity in inhaled salbutamol prescribing across Europe: insights from real -world data Katia Mc Verhamme (Rotterdam, Netherlands), Marzyeh Amini, Cesar Barboza, Andrei Barbulescu, Stephanie Marschler, Carla Jonker, Antonella Delmestri, Elvira Bräuner, Susanne Bruun, Miguel-Angel Mayer, Maria Angeles Leis Machin, Juan Manuel Ramirez Anguita, Dina Vojinovic, Gargi Jadhav, Akram Mendez, Jakov Vuković, Ivan Pristaš, Anamaria Jurčević, Marko Čavlina, Antea Jezidžić, Pero Ivanko, Talita Duarte-Salles, Anna Palomar-Cros, Agustina Giuliodori Picco, Irene López-Sánchez, Katia Verhamme	**PA347**
Short-acting bronchodilators and the association with longitudinal cardiovascular outcomes and all-cause mortality in real-life patients with asthma or COPD. Frauke Van Vaerenbergh (Ghent, Belgium), Lies Lahousse, Delphine Vauterin, Chloe Bloom	**PA348**
Bronchial Asthma Diagnosis Program Triggered by SABA Overuse Notification in a Respiratory Clinic: RESPIRASMA study Jordi Juanola Pla (Mataro, Spain), Elisabet de Mingo Mayans, Roser Ballester Frago	**PA349**
Assessment of lung function parameters in patients with COPD on triple therapy with Trimbow extra-fine pMDI (TefpMDI) for 16 weeks – a multicenter observational study. Nikolay Kyuchukov (Pleven, Bulgaria), Neli Rodopska, Zlatina Ivanova, Yavor Ivanov	**PA351**
Lung function improvement in patients with moderate-to-severe COPD switching to extrafine BDP/FF/G DPI: results from the RESPONSE study Anita Boda (Budapest, Hungary), Matevž Harlander, Rossen Petkov, Samuel Genzor, András Keglevich, Balázs Sánta, Ildikó Horváth	**PA352**
Presentation of an open spreadsheet model to compare yearly inhaler acquisition costs in step-2 asthma treatment: anti-inflammatory rescue versus daily ICS, tested with Mexican data Désirée Larenas-Linnemann (mexico, Mexico), Yair H. González-Tuyub	**PA353**
Impact of single-inhaler triple therapy FF/UMEC/VI on disease stability in copd: a real-world 12-month analysis Corrado Pelaia (Catanzaro (CZ), Italy), Chiara Lupia, Daniela Pastore, Antonio Giacalone, Federica Marrelli, Lucia Novelli, Debbie Riccelli, Girolamo Pelaia	**PA354**

Baseline clinical characteristics and comorbidity profile of patients with moderate to severe COPD treated with extrafine ICS/LABA/LAMA dry powder inhaler (DPI): data from the RESPONSE study **PA355**
Sarolta Molnár (Budapest, Hungary), Matevž Harlander, Rossen Petkov, Samuel Genzor, András Keglevich, Balázs Sánta, Ildikó Horváth

Evaluation of bronchial reversibility in asthma: effect of beta-2-mimetics, anticholinergics and their combination **PA356**
Line Kaabi (Tunis, Tunisia), Hana Blibech, Donia Belkhir, Sirine Daoud, Houda Snène, Nadia Mehiri, Sameh Belhaj, Bechir Louzir

Quality of life improvements with FF/UMEC/VI versus ICS/LABA usual care in patients with uncontrolled asthma: Secondary outcomes of PERFORM, a pragmatic randomised controlled trial **PA357**
Jodie Crawford (London, United Kingdom), Erika Penz, Stephen G Noorduyn, Alison C Moore, Hiroyuki Nagase, Mary Woessner, Lydia Demetriou, Nicola Brown, David Slade, Gabriel Garcia, Alan P Baptist, John J Oppenheimer

Achievability of clinical remission in patients with asthma stepping up to fluticasone furoate/umeclidinium/vilanterol (FF/UMEC/VI) or initiating FF/UMEC/VI as initial maintenance therapy: Results of a real-world US study **PA358**
Stephen G Noorduyn (Mississauga, Canada), Alison C Moore, Erika Penz, Louise Yu, Rose Chang, Mei Sheng Duh, Stuart Turner, John J Oppenheimer

PS-12 Session 46 08:00 - 09:30

Poster session: Novel biologics and mechanistic insights in airway diseases

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Pulmonary function testing General respiratory patient care Physiology

Tag(s) : Clinical, Translational , Digital health

Chairs : Reshed Abohalaka (Göteborg, Sweden), Alex Mulvanny (Manchester (Greater Manchester), United Kingdom), Helen Reddel (Sydney, Australia)

Late Breaking Abstract - GB-0895, a next-generation anti-TSLP mAb, demonstrates durable pharmacologic activity supporting a single subcutaneous injection every 6 months for asthma patients. **PA359**
Kapil Mayawala (Secaucus, United States), Dave Singh, Victoria Szenes, Andreas Eich, Brian Leaker, Philipp Badorrek, Stanislav Ignatenko, Sacha Prasad, Stephanie Straley, Antonios Aliprantis, Lovely Goyal, Alex Snyder, Oliver Kornmann

Anti–IL-5 pathway therapy leads to marked reductions in circulating eosinophil activation and selective changes in remodeling-related biomarkers in severe eosinophilic asthma **PA360**
Piotr Damiański (Lodz, Poland), Anna Kumor-Kisielewska, Adam Białas, Zofia Kurmanowska, Maciej Kupczyk

Transcription marker development in patients with severe asthma under Tezepelumab treatment - a real world experience **PA361**
Gudrun Ulrich-Merzenich (Bonn, Germany), Anastasiia Shcherbakova, Cordula Söhne, Carmen Pizarro, Leonie Biener, Dirk Skowasch

Significance of FeNO decline during anti-eosinophil treatment in patients with severe asthma **PA362**
Marek Lommatzsch (Rostock, Germany), Maria Linn Schnitzer, Jonathan Franz, Sebastian Sander, Paul Stoll, J. Christian Virchow

Beyond fixed dosing: free IgE, FcεRI and omalizumab plasma levels to individualize treatment in severe asthma **PA364**
María Eugenia Navarrete Rouco (Barcelona (Barcelona), Spain), Ramón Gimeno Martínez, Angela García Sanz, Mireia Admetlló, Antonio Sancho Muñoz, Daniela Bravo, Olga Luengo, María Basagaña, Dulce Soto Soto, Pilar Ausin Herrero

IL-13 impairs β2-adrenergic, but not IP receptor-mediated, relaxation in isolated human small airways **PA365**
Ziru Xu (Stockholm, Sweden), Willem Abma, Mikael Adner, Jesper Säfholm

Inhibiting bruton's tyrosine kinase (BTK) abrogates autoantibody-induced eosinophil extracellular traps **PA366**
Alexander Ruzic (Hamilton, Canada), Nadia Suray Tan, Yinglan Xie, Manali Mukherjee

A subgroup analysis of rilzabrutinib efficacy on asthma control in a phase 2 asthma study **PA367**
Jorge Fernando Maspero (Ciudad Autónoma Buenos Aires, Argentina), Ian D. Pavord, William Busse, Michael E. Wechsler, Tian Liu, Renata Martinčová, Leda Mannent, Sarah Chu

Safety and Pharmacokinetics of SHR-4597, an Inhaled IL-4Rα-Targeted Antibody-Budesonide Conjugate, in Healthy Participants and Asthma Patients : A Randomized, Placebo-Controlled, Double-Blind, Phase I Study — **PA368**
Lixiu He (Chengdu (Sichuan), China), Ling Yang, Su Zhang, Meishan Liu, Yakun Wen, Lei Diao, Yanli Dong, Pingan Yao, Zhu Luo, Fengming Luo

A phase Ib/IIa study of the anti-ST2 monoclonal antibody 9MW1911 in former smokers with moderate-to-severe COPD — **PA369**
Danfeng Yin (Shanghai, China), Ting Yang, Jintong Li, Yinhan Guo, Zhitian Hu, Qingxi Liu, Xiaozhen Hu, Lili Li, Wenjing An

Efficacy and Safety of CM326, a Humanized Anti-Thymic Stromal Lymphopoietin (TSLP) Monoclonal Antibody, in Moderate-to-Severe Asthma: A Phase II Randomized, Double-Blind, Placebo-Controlled Trial — **PA370**
Wei Tang (Shanghai, China), Jieming Qu, Shengyu Wang, Junzhen Gao, Hongying Sun, Yinghao Su, Xixin Yan, Shouan Ren, Xianwei Ye, Yeqiang Zou, Yanmin Wu, Wen Peng, Shunquan Wu

Phase 1 safety, pharmacokinetics, and sustained biomarker suppression with APG333, a novel half-life-extended anti-TSLP monoclonal antibody, in healthy adults — **PA371**
Amol Kamboj (San Francisco, United States), Erica Winter, Abby Chen, Wei Tew, Myreen Tomas, Carl L. Dambkowski, Michael Wong

Evaluation of an anti-IL33 x anti-TSLP bispecific antibody, CMT-133, as a novel therapeutic for respiratory inflammation — **PA372**
Janet Y. Leung (South San Francisco, CA, United States), Edward Yang, Christine Cheng, Jessica Finn, Betty Li, Sindy Liao-Chan, Emilia Falkowska, Joshua Garcia, Sabrina Lopez, Iris Ngan, Yinghui Rong, Richard Ventura, Bo Xu, Shan-Shan Zhang, Yao-ming Huang, Min Li, Joshua S. Lichtman, Harding H. Luan, Ji Ma, Kathy L. Miller, Kimberly Perkins, Wen-Chen Yeh

First-in-class anti-IL-4Rα/TSLP bispecific antibody IBI3002 in asthma: a randomized, double-blind, placebo-controlled phase I study — **PA374**
Yongming Zhang (Beijing, China), Ting Yang, Min Zhang, Ruchong Chen, Yuanrong Dai, Huaqiong Huang, Bi Chen, Xinming Su, Xin Yao, Bo Gao, Yuanfang Ren, Yaxian Chen, Lingge Cheng, Jiya Sun, Haiwei Du, Yuxian Zhu, Xing Sun, Lei Qian

PS-13 Session 47 08:00 - 09:30

Poster session: The airway disease pipeline: current and future therapies beyond biologics

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Physiology General respiratory patient care Cell and molecular biology

Tag(s) : Clinical, Translational , Digital health

Chairs : Enrico Schiavi (Roma, Italy), MeiLan K. Han (Ann Arbor, United States), Maarten van den Berge (Groningen, Netherlands)

Late Breaking Abstract - PRT-089Q01, an IND-enabling anti-interleukin-33 antibody, represents a potential best-in-class agent for chronic obstructive pulmonary disease — **PA375**
shuwen Du (Chengdu, China), Shuangyi Xie, Dawei Liu, Chuan Wang, Li Zhang, Xiuping Zhuo, Chao Zhou, Jingmei Yue, Haijun Tong, Zhenyu Wang

Safety and Efficacy of Inhaled TQC3721 (Dual PDE3/4 Inhibitor) Dry Powder: A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study in COPD Patients — **PA376**
Ling Yang (Chengdu (Sichuan), China), Lixiu He, Weiguo Li, Ding Yu, Wei Zhao, Hui Chen, Zhu Luo, Fengming Luo

Pulmonary administration of antisense oligonucleotide (ASO) and shuttle delivery peptide decreases mucin gene expression in models of muco-obstructive lung diseases — **PA377**
Mia Pelletier (Québec, Canada), Anna Cheng, Maxime Hervault, Gaëlle Bourriquen, Carole-Ann Huppé, Bruno Gaillet, Frédéric Couture, David Guay

Phase I Clinical Study of TQC3927 Inhaled Powder: Safety, Tolerability and Pharmacokinetics with Single-dose Escalation in Healthy Adult Individuals — **PA378**
Dongyi Zhu (SHANGHAI, China), JinTong Li, Lihong Liu, Mai Han, Dan Zhang, Gang Cui, Na Mi, Ding Yu, Weiguo Li, Xin Wang

Ginseng-Derived Nanoparticles Loaded with Budesonide enhance therapeutic efficacy and reduce systemic toxicity in allergic asthma. — **PA379**
Zhuman Wu (guangzhou, China), Hangming Dong

Metabolically armoured CAR-T cells enable durable targeting of eosinophils in chronic respiratory diseases Ruiqi Zhang (Hangzhou, China), Youqian Wu, Beibei Sun, Songmin Ying	**PA380**
Safety, Tolerability and Pharmacokinetics of innovative, dual PDE3 and PDE4 inhibitor HRS-9821 suspension for inhalation in healthy participants Ling Yang (Chengdu (Sichuan), China), Lixiu He, Su Zhang, Shaorong Li, Qiushi Xie, Zhu Luo, Weiming Li	**PA381**
IRAK4 inhibition with AZD6793 preserves epithelial barrier function and dampens IL-1β–driven inflammation in primary human airway epithelium Lina Odqvist (Mölndal, Sweden), Cecilia Wingren, Ramachandramouli Budida, Ellinor Hornberg, James Garnett	**PA382**
The discovery of RB042, a novel inhaled antisense oligonucleotide that harnesses the alternative splicing of the Receptor for Advanced Glycation End-products in the lungs Edwin Tucker (Melbourne, Australia), Siro Perez, Christopher Wraight, Raelene Pickering, Merlin Thomas	**PA383**
Inhaled mRB042 reduces lung inflammation and fibrosis due to bronchoscopic instillation of bleomycin or silica dust in mice. Edwin Tucker (Melbourne, Australia), Siro Perez, Christopher Wraight, Raelene Pickering, Christina Begka, Ben Marsland, Merlin Thomas	**PA384**
Impact of CXCR4hi neutrophils on airway inflammation in chronic obstructive pulmonary disease Jiaxin Tian (Shanghai, China), Min Zhou	**PA385**
The anti-asthmatic effect of inhibition of p38-MAPK pathway in an experimental model of allergic asthma in guinea pigs. Eduard Gondáš (Martin, Slovakia), Jozef Mažerik, Matúš Dohál, Mária Kovalská, Terézia Kozáková, Miloš Marcinčák, Karin Kačková, Marta Jošková, Soňa Fraňová	**PA386**
Amitriptyline as a potential new therapy for asthma: anti-obstructive, immunomodulatory, or both? Anna Michely (Aachen, Germany), Svenja Böll, Lida Yao, Eva Verjans, Christian Martin	**PA387**
TP receptor antagonism superior to biosynthesis inhibition for blockade of the prostanoid component in IgE triggered human small airway constriction Jesper Säfholm (Solna, Sweden), Mikael Adner, Sven-Erik Dahlén	**PA388**
REX-8756 is an oral first-in-class orthosteric STAT6 inhibitor that demonstrates efficacious potential in TH2-mediated asthma models Angelo Moreno (San Diego, United States), Alexandra Gardino (San Diego, United States), Kellie Bozek, Patrick Metz, Howie Bregman, Rishi Vaswani, Jeong-Ho Kim, Daniel Treiber, Brian Hodous, Paul Smith, Ajay Nirula, Alexandra Gardino	**PA389**
Targeting Macrophage Extracellular Traps with a PDE4B Inhibitor Alleviates Steroid-Resistant Asthma and Airway Remodeling Qingmei Wang (GUANGZHOU, China), Tingyue Luo, Hangming Dong, Hangming Dong	**PA390**
Oral CycloZ inhibits TLR4 Signaling and Matches Steroids in HDM Asthma Models Seoyeong Baek (Pohang, Gyeongbuk, Republic of Korea), Dohyun Lee, Jongsu Jeon, Hoe-Yune Jung	**PA391**
Biomimetic Nano-delivery System with Mesenchymal Stem Cell Membrane-Camouflaged Dimethyl Fumarate Improves COPD-Atherosclerosis Comorbidity Chaoli Lai (Chongqing, China), Yuan Zhan, Li Xu, Shuliang Guo	**PA392**
Safety and Efficacy of inhaled HRS-9821 suspension, a novel dual PDE3/4 Inhibitor: A Randomized, Double-Blind, Placebo-Controlled, Dose-Ranging Study in COPD Patients Ling Yang (Chengdu (Sichuan), China), Lixiu He, Lei Diao, Huize Han, Si Chen, Zhu Luo, Weiming Li	**PA393**

PS-14 Session 48 08:00 - 09:30

Poster session: Comorbidities shaping COPD outcomes

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health Pulmonary function testing Physiology Imaging

Tag(s) : Clinical

Chairs : Fabio L. M. Ricciardolo (Torino, Italy), Kristian Brat (Brno, Czech Republic), Rachelle Aucoin (Halifax, Canada)

Late Breaking Abstract - Phase IV, single-center, double-blind, randomized, placebo-controlled, crossover clinical trial designed to evaluate the effect of double bronchodilation with umeclidinium/vilanterol in patients with COPD, hyperinflation, and heart failure. Luis Puente Maestu (Madrid, Spain), Walther Girón Matute, Ana González Mansilla, Pablo Martínez Legazpi, Yolanda Benito, Ángela Gómez Sacristan, RAquel Teran, JAvier Bermejo	**PA394**
Age-related differences in clinical outcomes and lung function trajectories in non-cystic fibrosis bronchiectasis: a multicenter TBARC registry study Wen-Chien Cheng (Taichung, Taiwan), Chia-Ling Chang, Chau-Chyun Sheu, Ping-Huai Wang, Meng-Heng Hsieh, Ming-Tsung Chen, Wei-Fan Ou, Yu-Feng Wei, Tsung-Ming Yang, Chou-Chin Lan, Cheng-Yi Wang, Chih-Bin LIn, Ming-Shian Lin, Yao-Tung Wang, Ching-Hsiung Lin, Shih-Feng Liu, Meng-Hsuan Cheng, Yen-Fu Chen, Chung-Kan Peng, Ming-Cheng Chan, Ching-Yi Chen, Lun-Yu Jao, Ya-Hui Wang, Yung-Hsuan Wang, Shih-Pin Chen, Yi-Hsuan Tsai, Shih-Lung Cheng, Horng-Chyuan Lin, Jung-Yien Chien, Hao-Chien Wang, Wu-Huei Hsu	**PA395**
Burden of uncontrolled asthma+COPD: data from the NOVELTY Cohort Mina Khezrian (Cambridge, United Kingdom), Jonathan Marshall, Xiaomeng Ma, Anastasios Mangelis, Alberto Papi, Trung Tran, Helen K Reddel	**PA396**
Prognostic significance of previous pulmonary tuberculosis in patients with COPD: a prospective observational population-based cohort study in China Fangyan Wu (Guangzhou, China), Fan Wu, Zhicong Kuang, Kunning Zhou, Qi Wan, Gaoying Tang, Suyin Huang, Zhishan Deng, Zihui Wang, Cuiqiong Dai, Lifei Lu, Xiaohui Wu, Junfeng Lin, Guannan Cai, Xianliang Zeng, Zhifeng Gao, Changli Yang, Yongqing Huang, Shuqing Yu, Jie Zhong, Xiaoyan Gai, Shengtang Chen, Pixin Ran, Yumin Zhou	**PA397**
Effect of sleep disturbances, including sleep hygiene, on quality of life in patients with COPD. Pınar Yıldız (Istanbul, Türkiye), Sariha Buyukluoglu, Cihan Aydin, Didem Hattatoglu	**PA398**
Plasma proteins associated with cardiovascular disease are related to diffusing capacity in the SCAPIS cohort Andrei Malinovschi (Uppsala, Sweden), Suneela Zaigham, Per Liv, Magnus Sköld, Anna-Carin Olin, Hans Lennart Persson, Anders Blomberg	**PA399**
What does FeNO add beyond blood eosinophils for type 2 inflammatory phenotyping in COPD? Hnin Aung (Leicester, United Kingdom), Kimon Ntotsis, Petr Novotny, Kumaran Balasundaram, Christopher Brightling, Adam KA Wright, Neil J Greening	**PA400**
Cardiovascular risk assessment in COPD patients admitted with acute exacerbations Katie Rooney (Manchester, United Kingdom), Amr Youssef, James Digby, Elinor Bradley, Mita Begum, Bashar AlSheklly, Alexandros Mathioudakis, Waseem Khan	**PA401**
Real-world monitoring of long-term oxygen therapy adherence in COPD patients using connected devices Léo Grassion (Bordeaux, France), Francois Jounieaux, Alain Palot, Laurent Pupin, Anne Laure Sérandour, Ari Chaouat	**PA402**
Clinical profile and factors associated with the diagnosis of chronic obstructive pulmonary disease in a population cohort of 51,367 people Noor Gianchandani (tenerife, Spain), David Díaz-Pérez, Pedro Ruymán Brito Brito, Martín Rodríguez Álvaro, Domingo Ángel Fernández Gutiérrez, Ricardo José Pinto Plasencia, Héctor González de la Torre	**PA403**
Prevalence and Determinants of Anxiety and Depression in COPD Patients. Imen Guedri (Monastir, Tunisia), elhem chaouch, Maha Ben Méchlia, Sara Trimech, Asma Fattoumi, Ghada Ellouzi, Haifa Ben Romdhane, Nadia Keskes, Leila Boussofara, Soumeya Bouchareb	**PA404**
Phenotypic Characteristics of COPD with Metabolic Syndrome: A Cross-Sectional Study Marija Vukoja (Sremska Kamenica, Republic of Serbia), Marko Bojovic, Ivan Kopitovic, Sanja Dimic Janjic, Ljiljana Novkovic, Ivan Cekerevac, Ivana Stankovic, Borislav Bozanic, Sanja Hromis, Biljana Zvezdin, Zorica Lazic, Vojislav Cupurdija	**PA405**
SAD associates with MACE in COPD: Bayesian results from ARCADIA Paola Rogliani (Roma (RM), Italy), Dejan Radovanovic, Pierachille Santus, Fabrizio Luppi, Elisiana Carpagnano, Stefano Centanni, Michele Mondoni, Giulia Scioscia, Claudia Crimi, Mauro Maniscalco, Elena Bargagli, Piero Pirina, Francesco Tursi, Fulvio Braido, Angelo Corsico, Mariaenrica Tiné, Salvatore Battaglia, Gianluca Imeri, Marco Mantero, Marina Aiello, Josuel Ora, Luigino Calzetta	**PA406**

Ischaemic cardiovascular events after hospitalisation for COPD exacerbation in the post-COVID period PA407
Noor Gianchandani (tenerife, Spain), David Díaz-Pérez, María Senar, Marta Marín-Oto, Federica Gammella, Rocío Rodríguez Villamor, José M. Marin, Juan P. de-Torres, Juan Antonio Riesco Miranda, Daniel Benítez Correa, Kevin Javier Benítez Herrera, Enrique Francisco González Dávila, Juan Abreu González, Carlos Cabrera López, Victor Pinto-Plata, Miguel Divo, Bartolom Celli, Ciro Casanova

Demographic and clinical characteristics and management of patients with COPD and cardiovascular comorbidities: baseline real-world data from the HELICOPD study PA408
Georgios Hillas (Athens, Greece), Konstantinos Kostikas, Panos Stafylas, Petros Bakakos, Nikoletta Rovina, Stelios Loukides, Paschalis Steiropoulos

Interplay among Cardiovascular Comorbidities and AECOPD with and without Acute Respiratory Failure in 44.260 admissions between 2017 and 2022 in Italy. PA409
Paola Pierucci (Bari, Italy), Damaride Micaela Bitetto, Monica Amendolara, Giusi Graziano, Alex Russo, Michele Maiellari, Ersilia Tedeschi, Alessandro Capuano, Emanuela Resta

Patterns of Comorbidities in People with COPD – Secondary analyses of baseline data from a clinical trial PA410
Sameera Ansari (Sydney (NSW), Australia), Shuk Ki Ng, Nicholas Zwar, Amanda Tauber, Xian Zhang

Psychiatric comorbidity in severe COPD: prevalence and clinical phenotype in a prospective multicentre cohort PA411
Roser Costa Sola (Manresa, Spain), Núria Rodríguez, Jéssica González, Cristina Aljama, Annie Navarro, Elena Miguel, Dan Sánchez, Eduardo Vélez, Miguel Ángel Leal, Galo Granados, Miriam Barrecheguren, Artur Juan, Abigail Macías, Néstor Soler, Fernando Ruíz, Sonia Belda, Noelia Pablos, Ane López, Alejandra López, Oswaldo Caguana, Sergi Pascual, Isabel De Dios, Laura Rodríguez, Irene López, Claudia Guevara, Elena Mammana, Gabriella Manonelles, Danny Zayas, Marc Miravitlles

COPD comorbidities clusters in medium/long-term prognosis after hospitalization for COPD exacerbation PA412
Mariano Reginato (Ferrara, Italy), Federico Baraldi, Tommaso Bigoni, Michele Schincaglia, Luca Pontalto, Brunilda Marku, Marco Contoli, Alberto Papi

Factors affecting short- and long-term mortality in patients hospitalized with COPD exacerbation PA413
Zeynep Köprülü (ISTANBUL, Türkiye), Cihan Aydin, Birsen Pinar Yildiz

PS-15 Session 49 08:00 - 09:30

Poster session: Improving diagnosis in airway disease: from screening to innovation

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Pulmonary function testing General respiratory patient care Public health Epidemiology Physiology Imaging

Tag(s) : Clinical, Translational , Digital health

Chairs : Hitasha Rupani (Southampton, United Kingdom), Santi Nolasco (Catania, Italy), Reinoud Gosens (Groningen, Netherlands)

Late Breaking Abstract - Improvements in asthma symptom control with FF/UMEC/VI versus ICS/LABA usual care: Secondary outcomes from PERFORM, a pragmatic randomised controlled trial PA414
Alison C Moore (London, United Kingdom), Stephen G Noorduyn, Jodie Crawford, Hiroyuki Nagase, Amila Poddar, Victoria Boon, Nicola Brown, David Slade, Gabriel Garcia, Alan P Baptist, John J Oppenheimer, Erika Penz

Improving early diagnosis and care delivery in the Asthma COPD Outpatient Care Unit (ACOCU) network in Vietnam PA415
Quan Vu Tran Thien (Hồ Chí Minh, Vietnam), Ruth Tal-Singer, Dung Nguyen Thi Kim, Hien Nguyen Tan, Truong Phan Van, Ri Vo Thi, Vinh Nguyen Nhu, Tho Nguyen Van, Lan Le Thi Tuyet

Evaluating the use of clinical asthma diagnostic guidelines in a tertiary cohort of patients with asthma-like-symptoms. PA416
Sarah Farrell (Dublin 7, Ireland), Ciara Ottewill, Cara M. Gill, Patrick Kerr, Vincent Brennan, Helen Doherty, Orla Smith, Elaine MacHale, Breda Cushen, Dorothy Ryan, Garrett Greene, Richard W. Costello

A machine learning-based prediction model for the diagnosis of adult eosinophilic asthma PA417
Miaomiao Zhou (Xi'an, China), Yun Liu

Breathomics for asthma diagnosis using exhaled breath and machine learning PA418
Maria Maglione (Foggia, Italy), Chiara Di Benedetto, Piera Soccio, Donato Lacedonia, Pasquale Tondo, Stella Costa, Raffaella Di Gioia, Mirka Mariani, Maria Pia Foschino Barbaro, Giulia Scioscia

Who benefits from secondary care review after emphysema detection on lung cancer screening? PA419
Thomas Macdonald (Southampton, United Kingdom), Sofia Daniel-Papi, Hannah Burke

Community Pharmacies as a Gateway to Early COPD Detection: A Case-Finding Study. Josipa Razum (Sveti Martin pod Okićem, Croatia), Josipa Regović, Tara Vuletić, Davorka Muršić, Andrea Vukić Dugac	**PA420**
SENSOR: ScrEening for COPD patieNts at Office based cardiologists: A Pilot Study Slagjana Stoshikj (Wien, Austria), Klaus Distelmaier, Georg Goliasch, Daniela Boryshchuk, Robin Ristl, Marco Idzko	**PA421**
Tracking airway constriction: proof-of-concept using exercise induced bronchodilation Ella Guy (Christchurch, New Zealand), Jordan Hill, Amy Chan, Geoffrey Chase	**PA422**
The LIFT Study: Diagnostic Approaches for Asthma Patients with FEV1 ≥ 70% Predicted Min Zhang (, China), Wuping Bao, Hua-hao Shen, Wen Hua, Yun Liu, Feng-feng Han, Chun Chang, Yi Jiang, Li-min Zhao, Gang Wang, Ru-chong Chen, Ke-wu Huang, Li Yu, Bi-wen Mo, Meng-jie Feng, Liang Dong, Jun-feng Yin, Yanmei Lin, Yan Zhou, Xue Zhang, Yi-lin Pan	**PA423**
Pathological changes in non-COPD smokers: role of impulse oscillometry Hanaa Shafiek (Alexandria, Egypt), Abdallah Mlwati, Ahmad Sadaka, Mohamed Elshafiy, Anwar Elganady	**PA424**
Building a Multicenter Cohort of Obstructive Lung Diseases from Medical Charts Using a Large Language Model: The CUB-Trajectory Initiative Solene Valery (Paris, France), Khadija Siby, Kevin Zarca, Géry Pruvost, Jade Viarigi, Alexandre Drézet, Colas Tcherakian, Noémie Worbe, Sarra Ben Yahia, Kewin Panel, Quentin Marquant, Antoine Magnan	**PA425**
Idealised lung clearance index as a measure of lung inhomogeneity that eliminates the influence of external apparatus dead space Claire Wilbur (Oxford, United Kingdom), Ariana Kitten, Dominic Sandhu, Asma Alamoudi, Haopeng Xu, Nicholas MJ Smith, Nayia Petousi, Nick P Talbot, Grant AD Ritchie, Peter A Robbins	**PA426**
Real-life data on diagnosis and treatment of chronic obstructive pulmonary disease after screening-detected airflow obstruction in lung cancer screening Asad Ali (Lørenskog, Norway), Kirill Neumann, Kenneth Rinden Masserud, Trond-Eirik Strand, Haseem Ashraf, Gunnar Einvik	**PA427**
Technical feasibility of home spirometry monitoring assessed using ERS acceptability and repeatability criteria Leon L. Csonka (Tampere, Finland), Antti Tikkakoski, Jussi Karjalainen, Lauri Lehtimäki	**PA428**
Clinical, physiological, laboratory and radiological biomarkers as predictors of the presence and severity of coronary artery calcium in low dose chest CT from COPD patients Alicia Sayes (Pamplona, Spain), María Alicia Balseca, Federica Gammella, Irene Merino, Carmen Fleguerosa, Madeleine Di Frisco, Arantza Campo, Eduardo García, Gorka Bastarrika, Ana Ezponda, Juan Pablo de Torres	**PA429**
OSCILLOMETRY (IOS) IN ASTHMA MONITORING IN PREGNANT WOMEN WHEN SPIROMETRY IS CONTRAINDICATED: A RETROSPECTIVE OBSERVATIONAL STUDY Maria Luisa Polonio Gonzalez (sevilla, Spain), Antonio León Lloreda, Belen Muñoz Sánchez, David Carlos Echavarría Kashmiri, Andrea Sanchez Alonso, Juan Francisco Medina Gallardo, Marta Ferrer Galván, Francisco Javier Álvarez Gutiérrez, M. Auxiliadora Romero Falcón	**PA430**
Transforming Routine Chest Imaging into Opportunistic COPD Detection: Multicenter Validation of a Vision–Language AI Model Using Spirometry and Pulmonologist Review Shivani Acharya (Mumbai, India), Sahil Sahil, Janhavi Prabhu, Homagni Ghosh, Manoj Tadepalli	**PA431**
Association between maintenance medication and the results of bronchodilator testing in patients with COPD Peter Alter (Marburg, Germany), Henrik Watz, Hendrik Pott, Robert Bals, Gernot Rohde, Claus F. Vogelmeier, Rudolf A. Jörres	**PA432**

PS-16 Session 50 08:00 - 09:30

Poster session: Hidden drivers of airway disease

Disease(s) : Airway diseases

Method(s) : Imaging Epidemiology Pulmonary function testing Public health General respiratory patient care Cell and molecular biology Endoscopy and interventional pulmonology Physiology

Tag(s) : Clinical, Translational , Digital health

Chairs : Bilun Gemicioglu (Istanbul, Türkiye), Dóra Paróczai (Deszk, Hungary), Chair to be confirmed

Late Breaking Abstract - Structural and mechanistic basis of TSLP neutralization by solrikitug Kenneth Verstraete (Ghent, Belgium), Kenneth Verstraete, Harald Braun, Ann Dansercoer, Koen H. G. Verschueren, Lisa Wittmer, Kiyomi Komori, Savvas N. Savvides	**PA433**
Association between Airway Mucus Plugs and Respiratory Outcomes in Participants with COPD and with Normal Spirometry: Results from a Prospective Observational Population-based Cohort Study in China Fan Wu (Guangzhou, China), Fangyan Wu, Tingting Xia, Kunning Zhou, Yu Deng, Yumin Zhou, Pixin Ran	**PA434**
Are the mucus plugs clinically relevant in adults with chronic cough? Olga Truba (Warsaw, Poland), Joanna Żuchowska, Katarzyna Białek-Gosk, Elżbieta Magdalena Grabczak, Karolina Klimowicz, Marta Dąbrowska	**PA435**
Standardized double-read plus adjudication improves the reproducibility of CT mucus plug scoring in the LUNA Ph3 tozorakimab COPD clinical trials Juan Domingo Gispert (Barcelona, Spain), Gonzalo Vegas, John D Newell Jr, Samuel Peterson, Sandra Stapleton, Lars H Nordenmark, Magnus Lofdahl, Marta Mikosz, Eleanor Fung, Rajesh Patel, Samuel Bardsley, Neil Martin, Ioannis Psallidas, Sarah P Sherlock	**PA436**
Chronic bronchitis symptoms, not overall CAT score, identify elevated sputum MUC5AC in young smokers at risk of COPD: The BEACON Study Oliver Ward Meldrum (Singapore, Singapore), Aaron Braddy-Green, Apolline Marion, Luana Alves-Moreia, Fransiskus Ivan, Tavleen Jaggi, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan McGarvey, Dave Singh, Tom Wilkinson, Andrew Ritchie, Mirco Govoni, Lineu Baldissera, Paul Jones, Hanna Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Eric Hoffman, Sanjay Chotirmall, Jadwiga Wedzicha, James Allinson	**PA437**
Functional Small Airway Disease as a Treatable Trait for Chronic Obstructive Pulmonary Disease: A Prospective Cohort Study Kunning Zhou (Guangzhou, China), Fan Wu, Yumin Zhou, Pixin Ran	**PA438**
Spirometry and oscillometry markers of small airways dysfunction in current and former smokers with and without COPD: a cross-sectional study in northern Greece Efthymia Papadopoulou (Thessaloniki, Greece), Despoina Karamitrou, Konstantina Papadopoulou, Konstantinos Giantsis, Rena Oikonomidou, Christos Chatzis, Paraskevi Theochari, Dimos Moustaklis, Dimitrios Karanasios, Anastasia Papadopoulou, Athina Tatsioni, Athanasios Konstantinidis, Athena Gogali, Stavros Tryfon, Konstantinos Kostikas	**PA439**
Low appendicular muscle mass and the risk of COPD development in people with PRISm. Bente Brauwers (Heerlen, Netherlands), Lies Lahousse, Guy Brusselle, Rosanne Beijers, Martijn Spruit, Frits Franssen	**PA440**
Variability Among Impulse Oscillometry Reference Equations and Their Relationship with Lung Clearance Index and FEV1 Christos Kogias (Thessaloniki, Greece), Leonie Busack, Horst von Bernuth, Elpis Hatziagorou, Ayleen Szmala, Renée Zahl, Marcus Mall, Stephanie Thee, Mirjam Stahl	**PA441**
Strong association between SAD and COPD exacerbations: Bayesian results from ARCADIA Paola Rogliani (Roma (RM), Italy), Dejan Radovanovic, Pierachille Santus, Fabrizio Luppi, Elisiana Carpagnano, Stefano Centanni, Michele Mondoni, Giulia Scioscia, Claudia Crimi, Mauro Maniscalco, Elena Bargagli, Piero Pirina, Francesco Tursi, Fulvio Braido, Angelo Corsico, Mariaenrica Tiné, Salvatore Battaglia, Gianluca Imeri, Marco Mantero, Marina Aiello, Elena Pistocchini, Luigino Calzetta	**PA442**
Does the type of visual analogue scale (VAS) used to assess chronic cough matter? Elżbieta Magdalena Grabczak (Warszawa, Poland), Marta Dąbrowska, Katarzyna Białek-Gosk	**PA443**
Methacholine-induced cough but normal airway sensitivity: Insights from direct and indirect challenge tests and deep inspirations Meghan Jefferies (Kingston, Canada), Maria Korovina, Taylar Wall, Nicolle J Domnik, M Diane Lougheed	**PA444**
Quantitative CT reveals emphysema heterogeneity as a modifier of lobar airway structure in COPD Tjeerd van der Veer (Amsterdam, Netherlands), Matthew Strand, Gregory L Kinney, David Baragoshi, David Lynch, Rudolfs Latisenko, Jean Paul Charbonnier, Harm Tiddens, James Crapo	**PA445**
Prognostic significance of mild or one moderate exacerbation in COPD: a prospective population-based cohort study Qi Wan (Guangzhou, China), Fan Wu, Heshen Tian, Zhishan Deng, Kunning Zhou, Gaoying Tang, Lifei Lu, Cuiqiong Dai, Xiaohui Wu, Zihui Wang, Suyin Huang, Junfeng Lin, Fangyan Wu, Guannan Cai, Xianliang Zeng, Jincong Gan, Huixian Lin, Zhifeng Gao, Changli Yang, Shengtang Chen, Yongqing Huang, Shuqing Yu, Yumin Zhou, Pixin Ran	**PA446**

A novel measure of small-airways function for the early detection of COPD - can we finally access the silent zone? **PA447**
Nicholas M J Smith (Oxford, United Kingdom), Beverly Langford, Denise Fleming-Brown, Claire E Wilbur, Amy Wild, Dominic Sandhu, Graham Richmond, Maria Tsakok, Robin Fox, Helen F Ashdown, Grant A D Ritchie, Peter A Robbins, Ian D Pavord, Nick P Talbot, Nayia Petousi

Peripheral Blood Eosinophil Count and Intensive Care Requirement in Hospitalized Patients with Acute Exacerbation of COPD: A Competing Risk Analysis **PA448**
Ümran Özden Sertçelik (Ankara, Türkiye), Aslı Özden, Ahmet Sertçelik

Interleukin-1β and interleukin-3 association with disease severity in chronic obstructive pulmonary disease **PA449**
Nermen Abuelkassem (assiut, Egypt), Entsar Hsanen, Eman Radwan, Maha Ali, Ahmed Azzam, Hend Sayed

Inflammation and bronchodilator responsiveness: insights from larger and smaller airways **PA450**
Martin Färdig (Uppsala, Sweden), Claudia Dührkop, Suneela Zaigham, Christer Janson, Per Wollmer, Gunnar Engström, Robert Movérare, Andrei Malinovschi

Airway inflammatory and profibrotic gene expression profile before and one year after bronchial thermoplasty. **PA451**
Stanislawa Bazan-Socha (Kraków, Poland), Bogdan Jakiela, Karolina Górka, Iwona Gross-Sondej, Sławomir Mikrut, Krzysztof Okoń, Piotr Sadowski, Anna Andrychiewicz, Tomasz Stachura, Grażyna Bochenek, Krzysztof Sładek, Jerzy Soja

Potential biomarkers of response to dupilumab **PA452**
Mare Sabbe (liege, Belgium), Catherine Moermans, France Louis, Carole Sanchez, Françoise Guissard, Virginie Paulus, Stéphanie Ziant, Geneviève Philippe, Florence Schleich, Christophe Desmet, Renaud Louis

PS-17 Session 51 08:00 - 09:30

Poster session: From control to outcomes in severe asthma

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Cell and molecular biology Imaging

Tag(s) : Clinical

Chairs : Corrado Pelaia (Catanzaro (CZ), Italy), Guy Brusselle (Ghent, Belgium), Freda Yang (London, United Kingdom)

Late Breaking Abstract - Safety of mepolizumab: pooled analysis of 6489 patients with 8826 patient -years of exposure from 35 clinical studies across multiple indications **PA453**
Ian D. Pavord (Oxford, United Kingdom), John J Oppenheimer, Guy Brusselle, Peter A Merkel, Peter Howarth, Janet Perkins, Silke Harmeyer, Steven Gould, Stefanie Kolterer, Gerard J Criner

Real-World Phenotypic Profiles and Longitudinal Lung Function Outcomes in Severe Asthma Treated with Biologic Therapies **PA454**
Ourania Kotsiou (Larissa, Greece), Georgios Barkas, Konstantinos I. Gourgoulianis, Zoe Daniil

Decoding Type 2 Asthma Heterogeneity: Cluster Analysis of Australasian Severe Asthma Network **PA455**
Yan Li Huang (Chengdu, China), Ji Wang, Ke Deng, Chang Yong Wang, Gang Liu, Peng Gao, Wei Jie Zhang, Alan Chen-Yu Hsu, Min Xie, Zhi Hong Chen, Ling Qin, Fang Wang, Jie Zhang, Feng Min Luo, Wei Min Li, Gang Wang

Exacerbation phenotypes differ in severe asthma treated with anti-TSLP versus anti–IL-5Rα **PA456**
Ana-Maria Bucataru (London, United Kingdom), Jessica Bourne, Patrick Kerr, Bethan Wright, Irene Berrar Torre, David Watchorn, Raquel D'Espiney, Pujan H Patel, Freda Yang

Age-related differences in severe asthma across Europe: a SHARP registry analysis **PA457**
Stefania Principe (Amsterdam, Netherlands), Antonio Moretti, Aruna T Bansal, Luciano Cattani, Piotr Kuna, Emmanuelle Berret, Shane Hanon, Gordana Pavlisa, Vratislav Sedlak, Celeste Porsbjerg, Svetlana Sergejeva, Arnnaud Bourdin, Konstantinos Samitas, Zsuzsanna Csoma, Dóra Lúðvíksdóttir, Gorgio Walter Canonica, Iveta Kroica, Kristina Bieksiene, Anneke ten Brinke, Jacob Sont, Claudia Chaves Loureiro, Florin Mihaltan, Sanja Hromis, Sabina Skrgat, David Ramos-Barbon, Valentyna Yasinska, Jörg Leuppi, Bilun Gemicioglu, Liam Heaney, Apostolos Bossios, Simone Hashimoto, Marco Caminati

Impact of Canadian Severe Asthma Registry site characteristics and models of care on severe asthma patient outcomes **PA458**
Alison Morra (Kingston, Canada), Matheson L. McFarlane, Raeann Benjamin, Marco Trigiani, Andrew Day, Delanya Podgers, Kenneth Chapman, Mohit Bhutani, Andréanne Côté, Celine Bergeron, M. Diane Lougheed

The relentless radiological progression observed in patients with severe asthma in the pre-biologic era Rodrigo Abensur Athanazio (São Paulo (SP), Brazil), Renato M Lima, Nilton G. Santos-Junior, Regina M. Carvalho-Pinto, Eduardo K.U.N. Fonseca, Samia Z. Rached, Alberto Cukier, Klaus F. Rabe	**PA459**
Blood eosinophil subtypes as predictors of response to biologics in severe asthma. Ylenia Padrin (Padova, Italy), Giorgia Puddu, Daniele Previtero, Andrea Rastelli, Maria Conti, Isabella Ruzzon, Matteo Bolognesi, Erica Bazzan, Umberto Semenzato, Simonetta Baraldo	**PA460**
Predictors of response to anti-IL5/Rα therapies in a real-world severe asthma population Joseph Kerins (Dublin, Ireland), Joesph Kerins, Rory O'Loghlin, Sarah Barron, Theresa Frawley, Una Cannon-Fahy, Padraig Hawkins, Michael Harrison, R.P. Cusack	**PA461**
A 2-year multicentre prospective study to assess the change in asthma control of moderate to severe asthma patients over time and the predictors of poor control in Hong Kong. Fanny W.S. Ko (Shatin, Hong Kong), Hoi Yee Kwan, Steven Tseng, Alice PS Cheung, Charles Wong, Chun Man Wong, Johnny WM Chan, Chi Kai Chow, Yu Hong Chan, David Lam, Timothy Ng, Ka Pang Chan, Christopher Kei Wai Lai	**PA462**
Clinical characteristics and comorbidity burden in elderly patients with severe asthma Mariana Cascais (Porto, Portugal), Beatriz Martins, Rita Boaventura, Francisco Viana Machado	**PA463**
Outcomes of Biologic Therapy in Patients with Severe Asthma: UK-based single-centre comparison between Ex-Smokers and Non-Smokers Sithu Bala (London, United Kingdom), Avisha Thiruchelvam, Ashnish Sinha, Angela Blundell, Uruj Hoda	**PA464**
Early real-world effectiveness of tezepelumab in women with severe asthma: single-centre experience Stefan Šajnović (Nis, Republic of Serbia), Ivana Stanković, Borislav Božanić, Desa Nastasijević Borovac, Nikola Rančev	**PA465**
Presence and clinical significance of radiological findings on chest high-resolution computed tomography (HRCT) in patients with Severe Asthma Greta Insalata (florence, Italy), Elisa Bentivegna, Luca Paita, Luca Gozzi, Diletta Cozzi, Chiara Allegrini, Federico Lavorini, Gianna Camiciottoli	**PA466**
Clinical asthma remission and nasal polyp outcomes with dupilumab versus omalizumab in patients with severe chronic rhinosinusitis with nasal polyps and uncontrolled asthma: results from EVEREST Guy Brusselle (Ghent, Belgium), Enrico Heffler, William W Busse, Elliot Israel, John J Oppenheimer, Vibeke Backer, Arman Altincatal, Scott Nash, Mark Corbett, Rebecca Gall, Andrew Moraco, G. Walter Canonica	**PA467**
Tezepelumab treatment of severe asthma reduces upper airway expression of alarmin cytokines TSLP, IL-25 and IL-33: An observational pilot study Hazel Marriott (Edmonton, Canada), Adil Adatia, Subhabrata Moitra, Paige Lacy	**PA468**
Baseline characteristics of Severe Asthma Patients initiating Tezepelumab in the RAPSODI Registry: a Real-world comparison with the NAVIGATOR trial Fleur L. Meulmeester (Leiden, Netherlands), Lianne ten Have, Kim de Jong, Anneke ten Brinke, Ilse Boudewijn, Els J.M. Weersink, Bart Hilvering, Around F. Aldenkamp, Marielle E.A.C. Broeders, Lennart Conemans, Ilonka H. van Veen, Gert-Jan Braunstahl, Lotte van Ruitenbeek, Jacob K. Sont	**PA469**
Prevalence of exertional dyspnea and associated factors in severe asthma: data from the French RAMSES cohort at inclusion Cécile Chenivesse (Lille Cedex, France), Jonathan Giovannelli, Thierry Perez, Gilles Garcia, Gilles Devouassoux, Stéphanie Fry, Arnaud Bourdin, Pascal Chanez, Philippe Bonniaud, Amel Boudjemaa, Christel Saint-Raymond, Antoine Beurnier, Nathalie Bautin, Camille Taille	**PA470**
Patient perspectives on biologic treatment response in severe asthma: Data from a SHARP survey Joseph Lanario (Plymouth, United Kingdom), Gilles Louis, Dominique Hamerlijnck, Aruna T Bansal, Olivia Fulton, Hillary Hodge, Sanja Popović-Grle, Sanja Hrmois, Florence Schleich, Vratislav Seldak, Eva Volakova, Ondrej Fibigr, Celeste Porsbjerg, Lærke Charlotte Sigvardt Lund, Kostas Samitas, Maria Kallieri, Csoma Zsuzsanna, Dóra Lúðvíksdóttir, Kristina Bieksiene, Maria Morawska, Piotr Kuna, Claudia Chaves Loureiro, Vojislav Ćupurdija, Peter Kopač, Natalija Edelbaher, Valentyna Yasinska, Oksana Tenselius, Hitasha Rupani, Ivana Rubil, Jelena Kesić, Patrick Mitchell, Marcus Butler, Florin Mihălţan, Bilun Gemicioglu, Özlem Göksel, Ebru Damadoglu, Ecem Ay, Çise Tüccar, Adel Mansur, David Jackson, Paul Pfeffer, Gemma Hayes, Kaylee Bawler, Joanna Tilley, Mihailo Stjepanović, Simon Doe, Kathleen Bayani, Jacob Sont, Michael Hyland, Matthew Masoli	**PA472**

PS-18 Session 52 08:00 - 09:30

Poster session: A nightmare on cardiovascular, metabolic and lung cancer street

Disease(s) : Thoracic oncology | Airway diseases | Respiratory critical care | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : Epidemiology | Public health | Pulmonary function testing | Imaging

Tag(s) : Clinical

Chairs : Subhabrata Moitra (Ahmedabad, India), Lies Lahousse (Ghent, Belgium), Shyamali Dharmage (Carlton Victoria, Australia)

Late Breaking Abstract - Outcomes of Acute Myocardial Infarction in Patients With COPD: A Post Hoc Analysis of CAMI Registry Qin Zhang (Beijing, China), Rui Fu, Xuelian Li, Junjie Nan, Kongyong Cui, Yihan Shi, Xuying Zhang, Yanru Liang, Xiaoming Zhou, Yuejin Yang	**PA473**
Late Breaking Abstract - Mortality in patients with COPD exceeds prostate and breast cancer and is comparable to heart failure: A real-world study from England Nicolas Roche (Paris, France), Mu Cheng, Nisha C Hazra, Alexandra Barry, Hungta Chen, Jonathan Marshall, Michael Pollack, Marianne Cunnington, Alvin Richards-Belle, Carolyn SP Lam, Mona Bafadhel, Della Varghese	**PA474**
Late Breaking Abstract - Real-world changes in health-related quality of life and weight reduction in full-time employees living with obesity and obstructive sleep apnea taking tirzepatide: 3-month PERCEPTIONS survey findings. Kevin Pollock (Indianapolis, United States), Chanadda Chinthammit, Theresa Hunter Gibble, Harriet Makin, Catherine Bottomley, Sara Pisani, Micheal Shepherd, Xuanyao He, Angela Golden, Harold Bays	**PA475**
Electrocardiographic abnormalities and risk of incident COPD in individuals aged ≥40 years: a nationwide cohort study Mads Rømer Skøtt (Copenhagen, Denmark), Casper Binding, Mohamad Hassan El-Chouli, Claus Graff, Charlotte Suppli Ulrik, Erik Sören Halvard Hansen	**PA476**
Cardiometabolic index and lung function: cross-sectional and longitudinal results from the LEAD study Mohammad Azizzadeh (Vienna, Austria), Emiel F. M. Wouters, Robab Breyer-Kohansal, Marie-Kathrin Breyer	**PA477**
Airflow obstruction and preserved ratio impaired spirometry in relation to early vascular aging: cross-sectional and longitudinal evidence from the LEAD cohort Mohammad Azizzadeh (Vienna, Austria), Emiel F. M. Wouters, Ahmad Karimi, Andreas König, Robab Breyer-Kohansal, Marie-Kathrin Breyer	**PA478**
RSV infection, acute cardio-cerebral vascular events, and post-recovery cardio-cerebral diseases progression: A matched cohort study with mediation and interaction analyses in Chongqing Yuping Duan (Beijing, China), Mingyue Jiang, Li Qi, Luzhao Feng	**PA479**
Preserved ratio impaired spirometry, PRISm, associates with respiratory and cardiovascular mortality in a population-based adult asthma cohort Helena Backman (Lulea, Sweden), Nicolas Bermudez-Baron, Daniil Lisik, Linnea Hedman, Eva Rönmark, Martin Andersson, Hannu Kankaanranta, Caroline Stridsman, Bright Nwaru, Lowie Vanfleteren, Anne Lindberg	**PA480**
Age-standardized trends in respiratory-origin out-of-hospital cardiac arrest in an aging society: a Korean nationwide population-based study Ji Sook Han (seoul, Republic of Korea), Chan Soo Youk, Sejin Yoon, Moon Jin Kim, Seohyun Kim, Tai Joon An	**PA481**
Fenfluramine (Fintepla) associated pulmonary hypertension: a study of adverse events reporting system FAERS Coline BROSSAT (Grenoble, France), Clément Jambon Barbara, Alex Hlavaty, Marie Camillec Chaumais, Laurent Savale, Marc Humbert, David Montani, Charles Khouri	**PA482**
Blood cell biomarker trajectories and subsequent lung cancer risk in patients with pulmonary nodules: a 13-year longitudinal cohort analysis Peiji Yao (Sichuan, China), Lan Yang, Lei Li, Jin Huang, Yifei Lin, Weimin Li	**PA483**
Global co-occurrence and shared risk factors of chronic obstructive pulmonary disease and tracheal, bronchus, and lung cancer: a spatial and systematic analysis across 204 countries Linhui Yang (Chengdu, China), Dan Liu	**PA484**
Mortality and disease burden of lung cancer in china: based on CDC from 2008 to 2021 Hong Chen (Chongqing, China), Shengxin Fan, Zhengyu Li, Changlin Tang, Yuezhou Zhang, Ke Liao, Yawan Zi, Xiaohui Wang, Huilin Yu	**PA485**

Molecular Landscape and Survival Outcomes in NSCLC Patients with COPD: A Real-Life Study of 927 Cases from a tertiary center in Western Greece — **PA486**
Fotios Sampsonas (Patra, Greece), Maria Lagadinou, Dimitrios Komninos, Fotini Tryfona, Emmanouil Psarros, Penelope Bosgana, Vasiliki Tzelepi, Markos Marangkos, Argyrios Tzouvelekis

Comorbidity Network Characteristics and Clustering Patterns in Chinese Lung Cancer Patients: A Population-Based Cohort Study — **PA487**
Xiumei Tang (Chengdu, China), Weimin Li

TNM stage distribution, lymph node metastasis patterns, and survival in lung cancer: a multicenter real-world study — **PA488**
Min Zhao (Chongqing, China), Binjie Fu, Wangjia Li, Yuan Li, Lingqi Gao

Late-Stage Presentation of Non-Small Cell Lung Cancer at a Tertiary Centre: Implications for diagnostic pathways — **PA489**
Haisham Elahi (Sofia, Bulgaria), Aashir Imam, Teodora Mihalova, Evgeni Mekov, Rosen Petkov, Silvia Ivanova

Dynamics of incidence of malignant neoplasms of the respiratory organs taking into account gender and prospects for studying risk factors — **PA490**
Sholpan Orazbaeva (Karaganda, Kazakhstan), Yertay Otarov, Olga Grebeneva, Zhengisbek Zharylkassyn, Almagul Shadetova, Mikhail Russyayev, Samal Kokkuzova, Didar Okassov, Bayan Smagulova, Alexandra Vinnikova

Association between the metabolic score for insulin resistance (METS-IR) and the risk of developing chronic inflammatory airway disease (CIAD): Outcomes of cohort and cross-sectional studies — **PA491**
Shuxian Li (Guangzhou, China)

Impaired diffusing capacity for carbon monoxide and emphysema are predicting mortality in a middle-aged population - results from the Swedish CArdioPulmonary bioImage Study (SCAPIS) — **PA492**
Andrei Malinovschi (Uppsala, Sweden), Per Liv, Lennart Persson, Magnus Sköld, Per Wollmer, Kjell Toren, Anders Blomberg

PS-19 Session 53 08:00 - 09:30

Poster session: Healthcare utilisation, medication use and mortality

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Epidemiology | Public health | General respiratory patient care

Tag(s) : Clinical, Global reach

Chairs : Obianuju Beatrice Ozoh (Lagos, Nigeria), Sadia Sultana (Dhaka, Bangladesh), Jørgen Vestbo (Vanløse, Denmark)

Late Breaking Abstract - United for better breathing in PH-ILD: A global clinician survey identifying unmet needs at the interface of patients, prescribers, and researchers — **PA493**
Hassan Bencheqroun (San Diego, United States), Hemant Tupalli, Dhanashree Mk, Emily Smith

Implementation cost for 'Screening by Accredited Social Health Activist (ASHAs)and diagnosis by Community Health officers of Asthma and COPD at the primary health care System- A Novel Strategy - SHVASAN.' (Local term-meaning Breathing) — **PA494**
Ashwini Devane (Pune, India), Prakash Doke, Jayshree Gothankar, Medha Bragaje

Missed opportunities for COPD diagnosis in Australian primary care and predictors of spirometry confirmed COPD — **PA495**
Anthony Paulo Sunjaya (Sydney, Australia), Seven Zheng, Anna Campain, Christine Jenkins

Trends in the prevalence of depression, anxiety and severe mental illness among people with COPD in UK primary care — **PA496**
Sulaiman Alsaab (Birmingham, United Kingdom), Amanda Farley, Michael Newnham

International trends in chronic obstructive pulmonary disease (COPD) visits to primary care: a cross-sectional study of 13 countries by the International Consortium of Primary Care Big Data Researchers (INTRePID) — **PA497**
Anthony Paulo Sunjaya (Sydney, Australia), Jo-Anne Manski-Nankervis, Tokuhara Tanaka, Junjie Ma, Karen Tu

Depression, anxiety and psychotropic prescribing in patients with COPD: a nationwide study from Lithuania — **PA498**
Rasa Gauronskaite (Vilnius, Lithuania), Tadas Valiulis, Rolandas Zablockis, Edvardas Danila

Healthcare Utilisation among Middle-aged Indian Adults with Chronic Respiratory Diseases Subhabrata Moitra (Ahmedabad, India), Arundhati Bhatkande, Angira Dasgupta, Pubali Dhar, Kalpesh Panchal, Saibal Moitra	**PA499**
Trimorbidity in respiratory inpatients: prevalence, demographics and healthcare usage Elspeth Carruthers (London, United Kingdom)	**PA500**
Severe asthma across France in 2024: prevalence, care pathways, and treatment use - evidence from the ASMAP project Arnaud Bourdin (Montpellier, France), Farid Mankouri, Delphine Leynaud, Raphaëlle Jallat, Sephora Machich, Camille Taillé, Pascal Chanez	**PA501**
Active case-finding for airflow obstruction at community health fairs in Singapore Xian Wang Seow (Singapore, Singapore), Isaac Fong, Tunn Ren Tay, Nicole Sieow, Kundan Saripalli Reddy, Chee Hong Loh, Xue Ning Choo, Marcus Sim, Pearly Koh, Rayan Alsuwaigh, Sandra Hui, Wui Mei Chew, Weiling Lim, Jansen Koh, Anthony Yii	**PA502**
Socioeconomic disparities in healthcare utilization and mortality among patients with chronic obstructive pulmonary disease: a nationwide cohort study Sojung Park (Seoul, Republic of Korea), Ji-Young Lee, Yune-Young Shin, Sejin Oh, Jin Hwa Lee	**PA503**
Transient oral corticosteroid use and acute upper gastrointestinal bleeding among patients with mild-to-moderate asthma: a case-crossover study Jiaying Li (Montreal, Canada), Pierre Ernst, Samy Suissa	**PA504**
The effect of sedative and opioid medications on respiratory outcomes in patients with asthma and COPD Anna Meffen (Leicester, United Kingdom), Tricia McKeever, Lisong Zhang, Graham Lough, Onyebuchi Adrain Chima, Andrew Fogarty, Laura Gray, Dominick Shaw	**PA505**
Uptake of ICS-formoterol reliever therapy in people with asthma following the 2020 New Zealand Asthma Guideline update Franco Cheng (Auckland, New Zealand), Jiayi Gong, Andrew Tomlin, Kebede Beyene, Helen Reddel, Jeff Harrison, Mark Hew, Amy Hai Yan Chan	**PA506**
Is the Swiss Paediatric Airway Cohort (SPAC) representative? A generalizability assessment using routine clinical data Franco Romero (Bern, Switzerland), Mari Sasaki, Lorenz M. Leuenberger, Ronny Makhoul, Xenia Bovermann, Philipp Latzin, Alexander Moeller, Nicolas Regamey, Fabiën N. Belle, Ben Spycher, Claudia E. Kuehni	**PA507**
Real-World Characteristics of long-term Home Non-Invasive Ventilation for Chronic Respiratory Failure: a French nationwide data analysis Jean-Louis Pépin (Grenoble, France), Pierre-Régis Burgel, Sébastien Bailly, Sarah Alami, Hélène Pasche, Marie-Danielle Milcent, Batourou Sano, Joelle Texereau, Jean-Michel Arnal	**PA508**
Beyond intention-to-treat: using estimands in respiratory clinical trials Anurika De Silva (Melbourne, Australia), Peixuan Li, Jingwen Zhang, Christine Jenkins, Michael Abramson, Haydn Walters, George Washko, MeiLan Han, Shyamali Dharmage, Sabrina Idrose, Caroline Lodge	**PA509**
Diagnostic distribution and prescription patterns in long-term inhalation users aged 20-59 years: A descriptive study Sasha Toft Sørensen (Aalborg, Denmark), Peter Ascanius Jacobsen, Marie Dam Lauridsen, Søren Paaske Johnsen, Ulla Møller Weinreich	**PA510**
Survival in Duchenne muscular dystrophy – a cumulative meta-analysis on changes over time Lara Benning (Zurich, Switzerland), Zoe Bousraou, Dario Somaini, Bastian Gruber, Silvia Ulrich, Esther Irene Schwarz	**PA511**
Home non-invasive ventilation and pneumothorax in chronic obstructive pulmonary disease – the population-based DISCOVERY study Andreas Palm (Uppsala, Sweden), Kevin Yashnin, Magnus Ekström, Karin Ersson, Ludger Grote, Mirjam Ljunggren, Josefin Sundh	**PA512**

PS-2 Session 54 08:00 - 09:30

Poster session: The respiratory support continuum: oxygen, non-invasive ventilation and weaning

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Physiology | Pulmonary function testing | Pulmonary rehabilitation | Epidemiology | General respiratory patient care | Public health | Imaging | Respiratory intensive care | Surgery

Tag(s) : Clinical

Chairs : Ioannis Vogiatzis (Blyth, United Kingdom), Carolyn Rochester (New Haven, United States), Tessa Schneeberger (Schönau am Königssee, Germany)

Late Breaking Abstract - Safety and efficacy of preoperative halotherapy for preventing postoperative pulmonary complications after cardiac surgery: a randomized controlled trial Nanxi Zhou (Sichuan, China), Zeruxin Luo, Pengming Yu	**PA513**
Automatic oxygen titration versus prescribed constant-flow oxygen during endurance cycle training in pulmonary rehabilitation: a randomised cross-over pilot trial Tessa Schneeberger (Schönau am Königssee, Germany), Inga Jarosch, Rainer Gloeckl, Daniela Kroll, Leonard Kolb, Wolfgang Hitzl, Rembert Koczulla	**PA514**
A partial economic evaluation of Ambulatory oxygen during physical activity in patients with COPD: A comparative cost analysis Christer Janson (Uppsala, Sweden), Richard Ssegonja, Kjell Larsson, Richard Casaburi, Karin Wadell, Margareta Emtner	**PA515**
Assessing Portable Oxygen Concentrators (POC) Trigger Sensitivity: Bench Test Insights. Manon Brasseur (Bagneux, France), Pauline Jacquemier, Mary Schmitt	**PA516**
Fall-related injuries in long-term oxygen therapy: Incidence and risk factors Filip Björklund (Lund, Sweden), Andreas Palm, Josefin Sundh, Magnus Ekström	**PA517**
Predictive Score for good response to exercise Oxygen Therapy with Portable Concentrator Ariadna Farre Maduell (Barcelona, Spain), Patricia Peñacoba, Oriol Martín-Solé, Maria Rosa Güell Rous	**PA519**
Day and nighttime oxygen requirements in patients with COPD and chronic respiratory failure Linette Marie Kofod (Hvidovre, Denmark), Elisabeth Westerdahl, Morten Tange Kristensen, Barbara Brocki, Ejvind Frausing Hansen	**PA520**
Appropriateness, adherence and resource optimization in a dedicated ambulatory oxygen clinic Miguel Jimenez Gomez (Madrid (Madrid), Spain), María Teresa Ríos Gómez, Alba García Martínez, María Enríquez Jiménez, Ascensión Hernando Sanz	**PA521**
Prevalence and Clinical Correlates of Exercise-Induced Desaturation During Early Inpatient Pulmonary Rehabilitation After COPD Exacerbation. Laura Spinello (Verona, Italy), Mara Paneroni, Beatrice Salvi, Carla Simonelli, Aldo Diasparra, Massimo Venturelli, Michele Vitacca	**PA522**
Maximal Inspiratory Pressure Through Tracheostomy: A Reliable and Safe Method in Mechanically Ventilated Non-Cooperative Children Gregory Villarroel Silva (Santiago, Chile), Ignacio Oyarzún Aguirre, Gonzalo Moscoso Altamira, Luis Felipe Damiani Rebolledo, Yorschua Jalil Contreras	**PA523**
A multicenter randomized controlled study on the application of speaking valve trial versus capping trial in prolonged tracheostomy patients Hongying Jiang (Beijing, China), Ting Zhou, Chenxi Zhang, Jingyi Ge, Qing Li	**PA524**
TRANSLARYNGEAL FLOW INJECTION THROUGH THE SUBGLOTTIC PORTAL IN AN IN VITRO TRACHEAL MODEL: EVALUATION OF THE EFFECTS ON VOLUME, PRESSURE, AND FLOW. Roberto Vera Uribe (Santiago, Chile), Rodrigo Torres-Castro, Luis Vasconcello, Catalina Caro Bravo, Catalina Valdovinos, Francisca Lam Valenzuela, Paz Chacón, Horacio Campora	**PA525**
Validation of a Clinical Decannulation Score in a Rehabilitation Center Gonzalo Monge-Martínez (Santiago, Chile), Matías Otto-Yáñez, Tamara Muñoz, Javiera Morales, Felipe Pavez, Thiare Villanueva, Javiera Romero, Daniela Carvajal, Alejandro Rodríguez, Erico Segovia	**PA526**
Functional outcomes of a structured rehabilitation programme in tracheostomised Intermediate Respiratory Care Unit (IRCU) patients Alfonso Amaro López (Sevilla, Spain), Nuria Garcia Fernandez, Maria Carmen Talavera Cobo, Gloria Garcia Alonso, Alvaro Romero Valera, Demetrio Gonzalez Vergara, Maria Barca Hernando, Sergio López Ruz, Javier Toral Marin	**PA527**

Describing the scope of long-term mechanical ventilation in complex continuing care **PA528**
Anastasia Newman (Hamilton, Canada), Shirley Quach, Christopher Farley, Raj Kohli, Arthur Sowinski, Allison Freeman, Sean Morrison, Roger Goldstein

Effects of Higher Caloric and Protein Intake on Diaphragm Thickness, Ventilator Weaning, and Clinical Outcomes in Chronically Mechanically Ventilated Adults: A Systematic Review and Meta-Analysis **PA529**
Jan Henrick Foscablo (Manila City, Philippines), Michaela Francesca Therese Araneta, Julius Dominique Anjao, Karl Jeffrey Murillo, Mithi Kalayaan Zamora

Diagnostic accuracy of tidal breathing patterns compared with spirometry **PA530**
Britt J. M. H. Dörssers (Horn, Netherlands), Anouk W. Vaes, Rob Hagmeijer, Manon H.J.M. Broekhuijsen-Godding, Frits M.E. Franssen, Dennis S. van Putten, Martijn A. Spruit, Sami O. Simons

When R2 is misleading: Six-Minute Walk test vs VO2peak in pulmonary disease patients **PA531**
Benjamin Sabic (Vienna, Austria), Peter Raidl, Karin Vonbank

Relationship between desaturation during the six-minute walk test and clinical parameters in patients with COPD **PA532**
Yasemin Cam (Ankara, Türkiye), Sibel Günay, Ecenur Ceylan Kafa, İrem Şerifoğlu Rahatlı, Hatice Kılıç, Ayşegül Karalezli

PS-20 Session 55 08:00 - 09:30

Poster session: Environmental and occupational determinants of respiratory health

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Epidemiology Imaging Physiology Public health Pulmonary function testing Cell and molecular biology General respiratory patient care

Tag(s) : Clinical, Global reach

Chairs : Lidwien A.M. Smit (Utrecht, Netherlands), Christine Cramer (Aarhus, Denmark), Isabella Annesi Maesano (Ferrara, Italy)

Late Breaking Abstract - A comparison of oscillometry and spirometry in specific inhalation challenge for investigation of occupational lung disease **PA533**
Lucia Cestelli (Bergen, Norway), Jorunn Kirkeleit, Tor B Aasen, Helen Stavang, Anne Kristin Møller Fell, Joaquín Sastre, Hille Suojalehto, Xavier Muñoz, Cecilie Svanes

Isocyanate-Induced Occupational Asthma in Furniture Manufacturing Workers: A Case Series **PA534**
Narjes Belhadj Chabbah (Sousse, Tunisia), Chaima Sridi, Farah Chelly, Nawres Gannoun, Manel Makhloufi, Zeineb Athimni, Maroua Bouhoula, Asma Chouchane, Maher Maoua

Indoor and Outdoor Pollution Exposure and Childhood Asthma: a Narrative Review **PA535**
Francesca Sala (Palermo, Italy), Giulia Giglio, Filippo Tramontana, Marcello Vecchio, Giuseppe Vella

Occupational Multi-Exposure and Lung Cancer **PA536**
Narjes Belhadj Chabbah (Sousse, Tunisia), Imene Jemmeli, Ameni Kacem, Mustapha Ben jeddi, Asma Chouchane, Rahma Ben Jazia, asma gaddour

Is it the Cigarette or the Kitchen? Gender-Based Differences in COPD Diagnosis in a Lower-Middle-Income Country **PA537**
Taymmia Ejaz (Karachi, Pakistan), Javaid Ahmed Khan, Muhammad Irfan, Ali Usman

Port-Related Air Pollution and Respiratory Health in Older Adults in Brazil **PA538**
Israel Nascimento dos Santos (GUARUJA, Brazil), Giulianna Forte, Dhara Fernanda de Carvalho Pinto, Ana Carolina Gomes, Gabrielly Cristina Mattos da Silva, Marcella Luíza Souza Silva, Karoline Santos Batista, Renan Rocha Ferreira dos Santos, Helen Christine Wang Fan, Nicolle Aparecida Nabeto Dias, Fernanda Maria Machado Rodrigues, Ubiratan de Paula Santos, Marceli Rocha Leite

Investigating the impact of London's Ultra Low Emission Zone on children's health: extracting evidence from NHS health records **PA539**
Jessica E. Mitchell (London, United Kingdom), Hajar Hajmohammadi, Veronica Toffolutti, Borislava Mihaylova, Beth Stuart, Rosamund E Dove, Helen E Wood, Ian S Mudway, Gurch Randhawa, Aziz Sheikh, Christopher J Griffiths

WTC responders with low FVC pattern had higher quantitative CT interstitial lung abnormality markers **PA540**
Rafael E. de la Hoz (New York, United States), Zitong Zhang, Jonathan Weber, Raúl San José Estépar, John T. Doucette, Juan C. Celedón

Respiratory morbidity among workers of the lead–zinc industry in Kazakhstan **PA541**
Alma Bimagambetova (Karaganda, Kazakhstan), Ertai Otarov, Aleksey Alekseev, Magzhan Tilemisov

Redefining the effect of low-level air pollution on pulmonary functions and lung function trajectories in healthy young children **PA542**
Irina Zlatareva (Pazardhik, Bulgaria), Stoilka Koleva Mandadzhieva, Plamena Stoimenova, Blagoi Marinov, Vanesa Petrova, Desislava Deenichina

Dose dependent changes of functional lung tests parameters and T-lymphocytes subpopulation content in COPD patients in remote period after Chornobyl Catastrophe **PA543**
Viktor Sushko (Kyiv, Ukraine), Olena Kolosynska, Lyudmila Shvaiko, Kostiantyn Bazyka

Small airway dysfunction, oxidative stress and rehabilitation response in coal miners with occupational COPD **PA544**
Alexey Alexeyev (Karaganda, Kazakhstan), Nailya Sheveleva, Zhambol Sabirov, Olga Grebeneva, Almagul Shadetova, Aygul Amanbekova

Impact of atmospheric fine particulate matter ($PM_{2.5}$) on asthma in Karaganda, Kazakhstan: a preliminary study (2019–2024). **PA545**
Alexey Alexeyev (Karaganda, Kazakhstan), Alexandra Vinnikova, Sholpan Orazbaeva, Gulden Ormanova

Exposure to PM2.5 in residential buildings in Poland depending on the type of heating systems **PA546**
Artur Badyda (Warszawa, Poland), Mariusz Rogulski, Piotr Kępa, Alexandra Kristian

PREVALENCE OF CHRONIC RESPIRATORY SYMPTOMS AND LUNG FUNCTION AMONG VINEYARD WORKERS **PA547**
Sasho Stoleski (Skopje, North Macedonia), Jordan Minov, Dragan Mijakoski

Short-term pulmonary rehabilitation improves functional capacity and symptoms in coal miners with occupational COPD **PA548**
Ertay Otarov (Karaganda, Kazakhstan), Aygul Amanbekova, Alexey Alexeyev, Almagul Shadetova, Nailya Sheveleva, Olga Grebeneva, Dina Rybalkina

Wood smoke exposure and lung cancer in rural women: a retrospective Moroccan study **PA549**
Zakaria Laklaai (casablanca, Morocco), Hanaa Harraz, Wafaa Jalloul, Khadija Chaanoun, Hanane Benjelloun, Nahid Zaghba

Assessment of oxidative stress markers in coal miners for early detection of occupational lung disease risk. **PA550**
Zhanbol Sabirov (Karaganda, Kazakhstan), Didar Okassov, Yertai Otarov, Aigul Amanbekova, Alexey Alexeyev, Olga Grebeneva, Almagul Shadetova, Samal Kokkuzova

Gender-Specific Trajectories of Small Airway Dysfunction in Populations Occupationally Exposed to Roadside Pollution: A Longitudinal Impulse Oscillometry Study **PA551**
Samarjit Das (Kolkata, India)

PS-21 Session 56 08:00 - 09:30

Poster session: Novel updates in paediatric respiratory physiology and diagnostic testing

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing Imaging Cell and molecular biology Pulmonary rehabilitation Epidemiology Physiology Public health General respiratory patient care

Tag(s) : Clinical

Chairs : Tiffany Bradshaw (Perth (WA), Australia), Anja Maria Schaffer (Graz, Austria), Kathryn Ramsey (Perth (WA), Australia)

Late Breaking Abstract - Early-life lung function trajectories are associated with COPD polygenic risk score only in the presence of high air pollution exposure from infancy to school age **PA552**
Carla Rebeca da Silva Sena (Basel, Switzerland), Olga Gorlanova, Malena Gwerder, Maria Giulia Conti, Jakob Usemann, Sven Schulzke, Benjamin Stoecklin, Pablo Sinues, Benjamin Flueckiger, Martin Röösli, Sophie Yammine, Adam M Collison, Joerg Mattes, Philipp Latzin, Urs Frey

UTE MRI Reveals Lung Structural Signatures linked to Neonatal Invasive Ventilation in Premature School-Aged Children **PA553**
Jonathan Smith (Sheffield, United Kingdom), Alexander Harriman, Ho-Fung Chan, Laurie Smith, Sailesh Kotecha, Neil Stewart, Jim Wild

Ultra-low-dose chest CT in pediatric foreign body aspiration: a prospective study **PA554**
Elad Ben-Meir (Jerusalem, Israel), Noam Schlesinger, Joel Reiter, Alex Gileles-Hillel, Ido Sadras, Malena Cohen-Cymberknoh, Oded Breuer

Functional and structural lung MRI in childhood cancer survivors at risk for post-treatment pulmonary complications: a pilot study Marion Curdy (Bern, Switzerland), Christine Schneider, Maša Žarković, Christina Schindera, Claudia E. Kuehni, Enno Stranzinger, Philipp Latzin, Jakob Usemann	**PA555**
The utility of xenon MRI imaging in paediatric respiratory disease Lily Terry (Liverpool, United Kingdom), Rebecca Thursfield	**PA556**
How do tracheobronchial diameters evolve in children with PCD with or without bronchiectasis? A retrospective cohort study. Adnan Zafar (Leicester, United Kingdom)	**PA557**
Utility of FEF25–75% for Diagnosing Pediatric Asthma Using Bronchodilator Response Testing Jin-Sung Park (Chuncheon, Republic of Korea), Hyo-Bin Kim	**PA558**
Ventilation inhomogeneity in Czech school-aged children and its socioeconomic determinants – pilot epidemiological study Václav Koucký (Tanvald, Czech Republic), Radim Bláha, Tereza Holeček-Krištofová, Pavlína Koucká, Žofia Varenyiová, Miroslav Koucký	**PA559**
Dead space–derived indices as alternatives to conventional Sacin and Scond in multiple-breath inert gas washout in children Paul Aurora (London, United Kingdom), Mollie Riley, Davies Gwyneth, Per Gustafsson	**PA560**
Forced Oscillation Technique Uncovers Heterogeneous Small-Airway Responses to Inhaled Corticosteroids in Children with Asthma Christos Kogias (Thessaloniki, Greece), Athina Sopiadou, Sotirios Fouzas, Petrina Vantsi, Elissavet-Anna Chrysochoou, Elpis Hatziagorou	**PA561**
Introducing a New Definition of Bronchodilator Responsiveness in Forced Oscillometry: Comparison with 2021 ATS/ERS Spirometry Guidelines in Steroid-Naïve Paediatric Asthma Christos Kogias (Thessaloniki, Greece), Sotirios Fouzas, Aris Bertzouanis, Athina Sopiadou, Petrina Vantsi, Elissavet-Anna Chrysochoou, Elpis Hatziagorou	**PA562**
In-vitro evaluation of a pediatric device for measuring oscillometry in neonates Davide Bizzotto (Milano (MI), Italy), Pasquale Pio Pompilio, Alessandro Gobbi, Raffaele Dellacà	**PA563**
Detecting small airway dysfunction in pediatric asthma: added value of impulse oscillometry in a real-life setting Paola Di Filippo (Chieti (CH), Italy), Annamaria Porreca, Duilio Petrongari, Massimiliano Raso, Benedetta Ciccone, Sabrina Di Pillo, Francesco Chiarelli, Marina Attanasi	**PA564**
Subclinical Small Airway Dysfunction in Clinically Stable Juvenile Idiopathic Arthritis: Relationship with Disease Activity Gülay Bas Bilgin (İstanbul, Türkiye), Sema Nur Taşkın, Hande Ayan Karanfil, Yadigar Öztürk, Gülçin Otar Yener	**PA565**
Effect of moderate to high altitude on respiratory rate and oxygen saturation reference values among healthy children under two years in Tigray region, Northern Ethiopia: A cross-sectional study Masho Araya (Mekelle, Ethiopia), Birtukan Ameha, Mussie Alemayehu, Goitom Gebrekidan, Teklit Gebremedhin, Mohammed Mustefa Mohammedamin	**PA566**
Pulmonary dysanapsis in obese adolescents Gerardo Vizmanos (Pal, Andorra), Alba Mas, Antoine Tissot, Roger Bouix, José Antonio Moriche, Carmen Díaz, Teresa Sayrol, Alix Loirat, Andreia Pinto, Montserrat Carrera, Ferran Barranco, Núria Ferrer, Jérome Pifre	**PA567**
Development and preliminary validation of the breath motor pattern index (BMPI): an observational measure of respiratory pattern quality in children Aleksandra Moluszys (Kleszczewko, Poland), Eliza Wasilewska, Łukasz Mański	**PA568**
Bronchodilator response in asthmatic children: comparison between fev_1- and fef25-75%-based definitions Khouloud Kchaou (Ariana, Tunisia), Saba Boubakri, Soumaya Rebay, Soumaya Khaldi, Yacine Ouahchi	**PA569**
IL-8 and Mycoplasma in Exhaled Breath Condensate of children with severe asthma Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), Maria Cristina Gimena Donth Leger, Gabriela Pelaéz, Andrea Dugour, Carlos Velasco, Tania Florez, Doris Primrose, Marcela Roque, Veronica Giubergia, Ángel Gabriel Valdivieso, Juan Manuel Figueroa	**PA570**

THE VALUE OF IMAGING IN CONGENITAL MALFORMATIONS OF THE RESPIRATORY TRACT: ANALYSIS OF FIVE CLINICAL CASES **PA571**
Rodica Selevestru (Chisinau, Republic of Moldova), Ana Zotea, Liudmila Pinzari, Oxana Maliga, Iana Coropceanu, Svetlana Sciuca, Eva Gudumac

PS-22 Session 57 08:00 - 09:30

Poster session: Paediatric asthma: novel basic science insights

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Imaging Pulmonary function testing Physiology Public health

Tag(s) : Basic science

Chairs : Clare Murray (Manchester, United Kingdom), Laura Venditto (London, United Kingdom), Manuel Soto Martínez (San José, Costa Rica)

Seasonal Mepolizumab to support asthma control and school attendance **PA572**
Genevieve Hirst (London, United Kingdom), Nicola Moodey, Stacey Morris, Ruth Charlton, Simone Hadjisymeou Andreou, Andrew Turnbull, Claire Edmondson

Mycoplasma pneumoniae Infection Impairs Asthma Control in Pediatric Patients and Exacerbates Allergic Airway Inflammation **PA573**
Jing Yuan (Beijing, China), Chao Yan, Yuehua Ke, Jinghua Cui, Ziying Xu

Machine Learning-Based HRCT Clustering for Imaging Phenotyping in Severe Pediatric Asthma **PA574**
Simone Foti Randazzese (Pavia, Italy), Marta Bajeli, Antonio Andrea Senatore, Alessia Marseglia, Gian Luigi Marseglia, Amelia Licari

Pervasive Damp, Dust and Danger: First UK Data on Indoor Air Exposures in High-Risk Children **PA575**
Gioia Mosler (London, United Kingdom), Abigail Whitehouse, Charles Moorcroft, Holly Eldridge, Jonathan Grigg

Polygenic risk and prenatal PM10 exposure interact to increase the risk of childhood asthma and bronchial hyperresponsiveness **PA576**
Hyo-Bin Kim (Incheon, Republic of Korea), Hwan-Cheol Kim, Song-I Yang, Dong In Suh, Eom Ji Choi, Kyung Won Kim, Kangmo Ahn, Soo-Jong Hong

Bronchial epithelium energetic metabolism and functionality under exacerbation in childhood asthma **PA577**
Elisa Celle (Pessac, France), Fabien Beaufils, Marilyne Campagnac, Olga Ousova, Guillaume Cardouat, Jean-William Dupuy, Thierry Leste-Lasserre, Roger Marthan, Pierre-Olivier Girodet, Patrick Berger, Thomas Trian, Pauline Esteves

Early-life RSV-induced tissue-resident memory CD4+ T cells enhance asthma susceptibility through CD103+ dendritic cells **PA578**
Danruo Fang (Hangzhou,Zhejiang, China), Huaqiong Huang

Asthma-related breath markers in preschool children: comparison of mask- and mouthpiece-based remote sampling **PA579**
Benjamin Hitzler (Zurich, Switzerland), Srdjan Micic, Rémy Bourgeois, Yvette Baumann, Elias Seidl, Alexander Moeller

Breathing Nature: Understanding and Enhancing Exposure to Nature for Inner-City Children with Asthma **PA580**
Gioia Mosler (London, United Kingdom), Stuart Macfarlane, Samantha Law, Charles Moorcroft, Abigail Whitehouse, Jonathan Grigg

Non-Typeable Haemophilus influenzae in preschool wheeze and childhood asthma **PA581**
Angie Vicré (Bordeaux, France), Rihab Ben Sghaier, Elisa Celle, Pauline Esteves, Thomas Trian, Patrick Berger, Fabien Beaufils

Plasma proteomics identifies altered immune function in paediatric wheeze **PA582**
Danush Murali (Crawley, Australia), Emma Catchpole, Kim Khoo, Stephen Stick, Peter Noble, Anthony Kicic, Ingrid Laing, Peter Le Souëf, David Hancock, Thomas Iosifidis

Cough reflex sensitivity in asthmatic children following SARS-CoV-2 infection **PA583**
Peter Kunč (Poprad, Slovakia), Jana Mazuchova, Jaroslav Fabry, Martin Pec, Renata Pecova

Evaluating Thyroid Hormone Sensitivity in Euthyroid Children with Asthma: A Retrospective Case–Control Study **PA584**
ECE OCAK (IZMIR, Türkiye), Gülçin Arslan, İbrahim Özgün, Bumin Nuri Dündar

One size does not fit all in FeNO measurement: the results of a quality improvement audit show that availability of more than one type of FeNO measurement device can increase success rates and satisfaction in children and young people with asthma. **PA585**
Will Carroll (Staffordshire, United Kingdom), Christopher Jolley, Sadie Clayton, Francis Gilchrist

Association between Serum Clara Cell Protein 16 (CC16) and lung function in children with asthma **PA586**
Tetiana Harashchenko (Kyiv, Ukraine), Tetiana Umanets, Viktoriia Dzisiak, Yaroslava Anoshko, Viktoria Khomenko, Dariia Zabara, Yuriy Antipkin

Infant pacifier use and wheezing and asthma in early chilhood: Yazd birth cohort study **PA587**
Seyedeh Zalfa Modarresi (Yazd, Islamic Republic of Iran), Abbas Khalili, Mahla Towhidifar, Sara Jambarsang

Climate Change Anxiety Scale (HAES-13) in assessing the emotional impact of extreme weather events. **PA588**
Marilyn Urrutia Pereira (Uruguaiana (RS), Brazil), Gustavo Wandalsen, Lucas Pitrez Mocellin, Rovana Kinas Bueno, Barbara Angelo De Moraes, Daniel Barba Kaestner, Bruna Simoneto Marques, Felipe Derré Torres, Herberto Chong Neto, Dirceu Solé

Cross-Sectional HRCT Associations With Severity in Severe Pediatric Asthma **PA589**
Antonio Andrea Senatore (Pavia, Italy), Marta Bajeli, Simone Foti Randazzese, Alessia Marseglia, Gian Luigi Marseglia, Amelia Licari

High-resolution computed tomography features in severe pediatric asthma: a retrospective case-control study **PA590**
Marta Bajeli (Pavia, Italy), Antonio Andrea Senatore, Simone Foti Randazzese, Alessia Marseglia, Gian Luigi Marseglia, Amelia Licari

Artificial Intelligence Decision Support in Paediatric Asthma: A Scoping Review of Clinical Implementation **PA591**
Francesca Sala (Palermo, Italy), Giulia Giglio, Filippo Tramontana, Marcello Vecchio, Giuseppe Vella

PS-23 Session 58 08:00 - 09:30

Poster session: Sleep-disordered breathing in children: assessment, complications and management

Disease(s) : Sleep and breathing disorders | Pulmonary vascular diseases | Airway diseases

Method(s) : Cell and molecular biology | General respiratory patient care | Physiology | Pulmonary function testing | Epidemiology

Tag(s) : Clinical

Chairs : Iulia Cristina Ioan (Nancy, France), Hui Leng Tan (London, United Kingdom), Eda Esra Baysal (İstanbul, Türkiye)

Late Breaking Abstract - Targeting sleep-disordered breathing to improve seizure control in paediatric epilepsy: evidence from CPAP therapy **PA592**
Silvia Marino (Catania, Italy), Milena La Spina

Moving beyond current scales: introducing a novel score to enhance diagnostic accuracy and severity classification of childhood obstructive sleep apnoea. **PA593**
Daniela Simoncini (Uggiate con Ronago, Italy), Luana Nosetti, Konstantina-Thaleia Pilali, Massimo Agosti

Proteomic signatures of inflammation and cardiovascular risk in pediatric Obstructive Sleep Apnea (OSA) **PA594**
Belen Garcia Mediano (Guadalajara, Spain), Esther Solano Pérez, María Castillo García, Adriana Rodríguez Perojo, Sofía Romero Peralta, Pilar Resano Barrio, Laura Silgado Martínez, María Esther Viejo Ayuso, Leticia Álvarez Balado, Álvaro Mato López, Rosa Mediano San Andrés, Manuel Sánchez de La Torre, Olga Mediano

Refining the assessment of hypoxic burden in children: respiratory event duration, precise baseline SpO2 definition, and desaturation burden unrelated to respiratory events **PA595**
Juliette Dardenne (Paris, France), Margaux Blanchard, Jessica Taytard, Nicole Beydon

Non-dipping blood pressure pattern exhibits pro-inflammatory and cardiometabolic proteomic alterations in pediatric obstructive sleep apnea **PA596**
Álvaro Mato-López (Guadalajara, Spain), Esther Solano-Pérez, Belén García-Mediano, María Castillo-García, Adriana Rodríguez-Perojo, Sofía Romero-Peralta, Laura Silgado-Martínez, María Esther Viejo-Ayuso, Leticia Álvarez-Balado, Rosa Mediano San Andrés, Pilar Resano-Barrio, Manuel Sánchez-de-La-Torre, Olga Mediano

Prevalence and Characteristics of Positional Obstructive Sleep Apnea in a Racially Diverse Pediatric Population: Preliminary Results from a Community-Based Study **PA597**
Chun Ting Au (Toronto, Canada), Indra Narang

Automatic versus manual detection of oxygen desaturation in pediatric polysomnography Margaux Blanchard (Angers, France), Juliette Dardenne, Jessica Taytard, Nicole Beydon	**PA598**
Nocturnal oximetry parameters in toddlers without and at risk of upper airway obstruction. Angeliki Moudaki (Athens, Greece), Anastasia Paneta, Panagiota Panagiotou, Georgia Koltsida, Christina Kanaka-Gantenbein, Athanasios Kaditis	**PA599**
An artificial intelligence-based algorithm to improve respiratory polygraphy interpretation in pediatric obstructive sleep apnea Iulia Cristina Ioan (Nancy, France), Yacine Touil, Patricia Franco, Emeline Renard, Sofia Da Mota, Aurore Guyon, Laurianne Coutier, Cyril Schweitzer	**PA600**
Spanish consensus-based recommendations for standardized reporting of pediatric polysomnography and polygraphy in Sleep-Disordered Breathing: A Delphi study Helena Larramona Carrera (Barcelona, Spain), Ramón Rubio Aramendi, Marian Villar Alvarez, Olaia Sardon Prado, Oscar Sans-Capdevila, Alejandra Roncero, Francisca Romero Andujar, José Antonio Peña-Zarza, Milagros Merino Andreu, María José Jurado-Luque, Santiago Juarros Martinez, David Gomez-Pastrana, Ainhoa Arroyo Domingo, Ainhoa Alvarez Ruiz-Larrinaga, Genoveva delRío-Camacho	**PA601**
Sleep recordings of obstructive sleep apnea screening as predictors of postoperative respiratory adverse events following adenotonsillectomy Aisha Almuwaine (Ottawa, Canada), Sherri Lynne Katz, Refika Ersu, Nicholas Barrowman, Anne Tsampalieros, Taylor Barwell	**PA602**
A Retrospective Review of Night-To-Night Variability in Overnight Oximetry Studies in Children with Cleft Lip and/or Palate Berit Mathew (BIRMINGHAM, United Kingdom), Heather Sahunta, Mags Sheahan-Parry, Victoria Stainsby, Emma Dixey, Catherine Clarke, Faye Hill, Jason Neil-Dwyer, Jonathan Syme Grant, Rebecca Devaney, Andrew Prayle	**PA603**
Association of rhinitis phenotype with adenoid hypertrophy and obstructive sleep apnea in children Eun Kyeong Kang (Seoul, Republic of Korea), Hye In Jeong, Young min Ahn, Ki Duk Kim	**PA604**
Prevalence and Characteristics of REM-related Obstructive Sleep Apnea in a Racially Diverse Pediatric Population: Preliminary Results from a Community-Based Study Chun Ting Au (Toronto, Canada), Indra Narang	**PA605**
Altered Autonomic Regulation and Reduced Cardiovascular Complexity Assessed by Pulse Rate Variability in Overweight and Obese Children with Sleep-Disordered Breathing Athina Sopiadou (Thessaloniki, Greece), Theodoros Samaras, Apostolos Nikolopoulos, Evangelia Kouidi, Elisavet-Anna Chrysochoou, Kiriaki Tsiroukidou, Athanasios Kaditis, Elpis Hatziagorou	**PA606**
An observational feasibility study of a novel accelerometer-based chest sensor in children at risk of sudden death in epilepsy Hannah Vennard (Glasgow, United Kingdom), Rebecca Lennon, Jennifer Miller, Osian Meredith, Bruce Henderson, Gillian Horsburgh, Paul Burns, Sameer M Zuberi, Ross Langley	**PA607**
Sleep-disordered breathing and ENT care access in Ukrainian children with Down syndrome: a cross-sectional study Maryna Biletska (Kyiv, Ukraine)	**PA608**
Active management strategies for paediatric obstructive sleep-disordered breathing: a systematic review and meta-analysis Pierre Cnockaert (Brussels, Belgium), Julien Da Purificaçao, William Poncin	**PA609**
Feasibility and acceptability of home-based level III cardiorespiratory sleep studies in children with suspected obstructive sleep apnea Inês Pais Cunha (Porto, Portugal), Rita Pissarra, Fábio Pereira, Sónia Silva, Inês Azevedo, Catarina Ferraz	**PA610**

PS-24 Session 59 08:00 - 09:30

Poster session: The hidden battle after lung transplantation

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Pulmonary function testing | Transplantation | Cell and molecular biology | Surgery | Palliative care | Physiology

Tag(s) : Clinical

Chairs : Andrej Zecevic (Belgrade, Republic of Serbia), Fotis Theodoropoulos (Athens, Greece), Veronika Müller (Budapest, Hungary)

Late Breaking Abstract - Fibroblast Activation Protein as a Biomarker of Chronic Rejection in the Mouse orthotopic Lung Transplant Model Martina Mercurio (Leuven, Belgium), Charlotte Hooft, Xin Jin, Pieterjan Kerckhof, Marta Zapata Ortega, Lara Verbeylen, Lise Vanvuchelen, Balin Ozsoy, Cedric Vanluyten, Kenny Anseele, Gitte Aerts, Anse Somers, Vincent Geudens, Birger Tielemans, Andrea Zajacova, John McDonough, Saskia Bos, Laurens De Sadeleer, Laurens J. Ceulemans, Gianluca Matteoli, Naftali Kaminski, Marianne Carlon, Wim A. Wuyts, Federica Meloni, Pieter Van Der Veken, Filipe Elvas, Robin Vos, Bart Vanaudenaerde	**PA611**
Respiratory viral infections and non-infectious pulmonary complications after allogeneic stem cell transplantation. Frédéric Riviere (Caen, France), Apolline Moussy, Sylvain Chantepie, Anna Fournier, Emmanuel Bergot	**PA612**
Impact of pulmonary graft resection for size mismatch in lung transplantation: a single-centre retrospective study Pedro José Argos (Santander, Spain), Diego Alejandro Murillo, Sandra Tello, Sheila Izquierdo, David Iturbe, Jose Manuel Cifrian, Claudia Poo, Roberto José Mons, Carlos Alvarez, Daniela Andía, Loreto Berjón, Sara Naranjo, Laura Sanchez, Victor Manuel Mora	**PA613**
Temporal dynamics of plasmacytoid and conventional type 1 dendritic cells after the onset of CLAD in lung transplant recipients Iván Martínez-Ballestero (Barcelona, Spain), Meritxell Boada-Pérez, Victoria Ruiz, Oriol Grau-Bosch, Eva Revilla-López, Berta Sáez-Giménez, Marta Zapata, Manuel López-Messeguer, Roser Escobar, Víctor Monforte, Cristina Romero-Espinosa, Mónica Martínez-Gallo, Cristina Berastegui-García, Susana Gómez-Ollés	**PA614**
Prognostic validation of the 2019 ISHLT chronic lung allograft dysfunction states in lung transplant recipients Michael Gerckens (München, Germany), Gülümser Hale Alkan, Gamze Kasman, Paola Arnold, Jürgen Barton, Tobias Veit, Teresa Kauke, Christian Schneider, Sebastian Michel, Michael Zoller, Ali Önder Yildirim, Jürgen Behr, Nikolaus Kneidinger, Carlo Mümmler	**PA615**
Impact of Vitamin D Levels on Survival and Complications After Lung Transplantation. Claudia Poo Fernández (Santander, Spain), Víctor Manuel Mora Cuesta, Pedro José Argos Vélez, David Iturbe Fernández, Sandra Tello Mena, Sheila Izquierdo Cuervo, Vanesa Novoa Vela, Mario Priede Fernández	**PA616**
Bisoprolol prophylaxis reduces supraventricular arrhythmias after lung transplantation: a retrospective cohort study Pedro José Argos (Santander, Spain), Victor Manuel Mora, Claudia Poo, Sandra Tello, Sheila Izquierdo, David Iturbe, José Manuel Cifrian	**PA617**
Protease-generated peptides of alpha-1-antitrypsin as prognostic biomarkers for chronic lung allograft dysfunction Sabina Janciauskiene Wallmark (Hannover, Germany), Sabine Wrenger, Friedemann R. Börner, Adrien Tissot, Antoine Roux, Antoine Magnan, Benjamin Coiffard, Benjamin Renaud Picard, Michael Kiehntopf, Sabina Janciauskiene	**PA618**
Implementation and clinical utility of home-based portable spirometry in lung transplant recipients: a descriptive cohort study Luis Daniel Soto Fernandez (Barcelona, Spain), Cristina Alexandra Romero Espinosa, Eva Revilla López, Álvaro Cantero Acedo, Berta Sáez Giménez, Ignacio Iglesias Serrano, Alba Torrent Vernetta, Victor Monforte Torres, Manuel López Meseguer, Ana Villar Gómez, Sara Salvador Fernandez, Antonio Moreno Galdó, Cristina Berastegui Garcia	**PA619**
Molecular detection of herpesviruses in pleural effusions after lung transplantation – an EMPIRE analysis Gülümser Hale Alkan (Münich, Germany), Carlo Mümmler, Daria Khmelovska, Nicole Weiss, Ignaz Briegel, Tobias Veit, Stefan Trost, Jürgen Barton, Paola Arnold, Florian Rieger, Christopher Dächert, Gabriel Mircea Stoleriu, Sebastian Michel, Christian Schneider, Teresa Kauke, Ali Önder Yildirim, Nikolaus Kneidinger, Jürgen Behr, Michael Gerckens	**PA620**
Impact of donation after circulatory death (DCD) vs. brain death (DBD) on survival in lung transplant recipients at a high-volume center Rachel Criner (Philadelphia, United States), Francis Cordova, Nathaniel Marchetti, Hiromu Kehara, Roh Yanagida, Kewal Krishan, Yoshiya Toyoda, Gerard Criner	**PA621**
Long-term outcomes of uncontrolled donation after circulatory death program for lung transplantation Riccardo Orlandi (Milan, Italy), Alberto Zanella, Marco Sacchi, Lorenzo Rosso, Letizia Morlacchi, Valeria Rossetti, Valentina Vaira, Franco Valenza, Mario Nosotti, Alessandro Palleschi	**PA622**

Impact of routine early palliative care consultation on outcomes after heart transplant **PA623**
Blair Lenhan (Murray, United States), Nicolas Contreras, Richa Sheth, Erin Davis, Ashley Elmer, Abbey Olsen, Jen-Yu Wei, Hui Li, Holli Martinez, Roberta Florida, Craig Selzman, Tom Varghese, Josef Stehlik, Laura Frye

Radiological Predictors of Survival in Chronic Lung Allograft Dysfunction: A HRCT-Based Study **PA624**
Marco Guerrieri (Siena, Italy), Maria Antonietta Mazzei, Matteo Fanetti, Felice Perillo, Jean-Guillaume Starnini, Chiara Piscitello, Antonella Lapiana, Antonella Fossi, Elena Bargagli, David Bennett

Changes in Days Alive and Out of Hospital (DAOH) from pre- to post-lung transplantation, a health -related quality-of-life metric **PA625**
Antoine EL KIK (Le Plessis Robinson, France), Pauline Bian, Leïla Pellet, Gilles Chatellier, Kinan El Husseini, Laurence Beaumont, Benjamin Renaud-Picard, Martine Reynaud-Gaubert, Claire Merveilleux Du Vignaux, Xavier Demant, Thomas Villeneuve, Adrien Tissot, Loïc Falque, Nicolas Carlier, Charlotte Roy, Olaf Mercier, Jérôme Le Pavec, Joconde Weller, Pauline Pradère

Monitoring the impact of eosinophil polynuclear cells in chronic lung allograft rejection **PA626**
Aurélia LEBEAU (Suresnes, France), Christophe Jubert, Noémie Worbe, Marion Brollo, Matthieu Groh, Colas Tchérakian, Antoine Magnan, Antoine Roux, Quentin Marquant

Appropriateness of lung transplant referrals to a National Referral Centre for patients with COPD **PA627**
William Griffin (Dublin, Ireland), Elizabeth Dunphy, Maria Ryan, Aisling Kinsella, Michelle Murray, Nicola Ronan

Does everolimus increase thromboembolic risk in lung transplant recipients? A monocentric retrospective study. **PA628**
Leonor Suarez (Milan, Italy), Elisa Tasso, Rocco Francesco Rinaldo, Silvia Turrini, Marta Verda, Mauro Mangiapia, Fulvia Ribolla, Michela Maria Bellocchia, Massimo Boffini, Paolo Solidoro

Physiological phenotyping of stable lung transplant recipients without CLAD reveals consistent ventilation heterogeneity across categories by nitrogen multiple-breath washout (N_2-MBW) **PA629**
Jaime Andrés Alvarado Castillo (Freiburg, Germany), Theresa Groß, Julia Nowack, Hannah Schraermeyer, Julia Bringewatt, Hannah Sofie Rohr, Kateryna Gashynova, Daiana Stolz, Björn Christian Frye

Pulmonary outcomes after hematopoietic stem cell transplantation: A comparative study of autologous and allogeneic recipients **PA630**
Nurgul Naurzvai (Istanbul, Türkiye), Ant Uzay, Sami Karti

PS-25 Session 60 08:00 - 09:30

Poster session: Respiratory muscle function across clinical populations

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Thoracic oncology

Method(s) : Imaging | Pulmonary rehabilitation | General respiratory patient care | Pulmonary function testing | Physiology | Transplantation

Tag(s) : Clinical

Chairs : Agnieszka Lewińska (Warszawa, Poland), Diego Poddighe (Leuven, Belgium), Luis Felipe Da Fonseca Reis (Rio De Janeiro (RJ), Brazil)

The relationship between exercise capacity, respiratory muscle strength and dyspnea in breast cancer survivors following thoracic radiotherapy **PA631**
Fatma Rümeysa Koç (Ankara, Türkiye), Naciye Vardar-Yağlı, Melda Sağlam, Ebru Çalık Kütükçü, Sercan Aksoy

Relationship between Respiratory Muscle Strength and Quality of Life in Early-Stage Duchenne Muscular Dystrophy **PA632**
Büsra Turgut, Yigithan Güzin, Ilknur Naz

Effects of Resting Posture on End-Expiratory Lung Volume Assessed by Electrical Impedance Tomography **PA633**
Yuki Kuroyama (Yokohama, Japan), Sae Aoki, Tomoaki Katogi, Koki Kamimura, Hiyo Sasaki, Shinji Nemoto, Tohru Nakabo

Clinical and respiratory progression in Duchenne Muscular Dystrophy: a longitudinal study of factors associated with mortality **PA634**
Vanessa Resqueti (Natal (RN), Brazil), Mariana Beatriz Ginane, Ilsa Priscila Santos, Layana Marques, Anderson Morais, Mário Emílio Dourado, Jessica Medeiros da Fonseca, Matías Otto-Yáñez, Rodrigo Torres-Castro, Roberto Vera-Uribe, Guilherme Fregonezi

Core Endurance Reveals a Physiological Dimension of Ventilatory Limitation in Stable COPD Büşra Nur Fındık (Nevşehir, Türkiye), Mustafa Ertuğrul Yaşa, Mustafa Guven, Hamza Aydemir, Şeyma Yaşar	**PA635**
Comparison of Cardiopulmonary Exercise Capacity and Respiratory Muscle Strength Between COPD Patients With and Without Sarcopenia Naciye Vardar Yağlı (Ankara, Türkiye), Sezen Kayali, Ozlem Yildiz, Olgun Deniz, Naciye Vardar-Yagli, Ebru Calik	**PA636**
Acute effects of different thoracic taping techniques on respiratory muscle strength and functional exercise capacity in COPD Burcu Camcioğlu Yilmaz (Muğla, Türkiye), Metehan Sarıkaya, Özge Oral Tapan, Utku Tapan	**PA637**
Sex-related differences in functional exercise capacity and respiratory muscle strength in PRISm, pre-COPD, and COPD Burcu Camcioğlu Yilmaz (Muğla, Türkiye), Sabri Serhan Olcay, Özlem Şengören Dikiş, Merve Gürkan, Baki Umut Tuğay	**PA638**
Association Between Respiratory Muscle Strengths and Physical Performance Parameters in Older Adults Özge Haklı (İstanbul, Türkiye), Uğur Cavlak, Sema Savcı	**PA639**
Exercise tolerance assessment after an intradialytic rehabilitation program combined with inspiratory muscles training in individuals with chronic renal disease Lucien Peroni Gualdi (Natal (RN), Brazil), Marcelo Souza Araújo, Gustavo Santos Dantas de Azevedo, Maria Luiza de Araújo Teixeira, Layane Costa da Silva, José Alexandre Barbosa de Almeida, Viviane Jerônimo de Macedo, José Victor do Nascimento Lima, Luiza de Araújo Fonseca, Maria do Socorro Luna Cruz, Catharinne Carvalho de Farias	**PA640**
Effects of respiratory muscle training on tongue motor skills in healthy subjects, a multicenter randomized controlled trial William Poncin (Bruxelles, Belgium), Julien Da Purificaçao, Grégoire Thiran, Bernardo Praget Rodriguez, Kareem Soliman, Alexandros Kalkanis, Matthias Simonetti, Tomas Antunes Pires, Amélie Hediger-Parolini, Daniel Langer, Olivier Contal	**PA641**
The effect of inspiratory muscle training on craving, dyspnea, respiratory muscle strength, cough capacity, and exercise capacity in individuals with substance use disorder Beyzanur Dikmen Hoşbaş (İstanbul, Türkiye), Rüstem Mustafaoğlu, Cemal Onur Noyan	**PA642**
Trunk muscle thickness is associated with respiratory muscle function and peak exercise capacity in COPD Elif Cansu Ozkilicaslan (Ankara, Türkiye), Ipek Candemir, Ozgur Zeliha Karaahmet, Irem Adiguzel, Naciye Vardar-Yagli, Deniz Inal-Ince	**PA643**
Functional inspiratory muscle training attenuates functional decline during hematopoietic stem cell transplantation: a randomized controlled trial Ceren Derya Gültekin (Ankara, Türkiye), Meral Boşnak Güçlü, Gülsan Sucak, Abdullah Agit, Huri Demirci	**PA644**
Respiratory muscle strength in individuals with heroin dependence: a case-control study Beyzanur Dikmen Hoşbaş (İstanbul, Türkiye), Rüstem Mustafaoğlu, Cemal Onur Noyan	**PA645**
Individuals' experiences of inspiratory muscle training and exercise in Long COVID Anna Svensson-Raskh (Huddinge, Sweden), Anna Törnberg, Annie Svensson, Ulrika Holdar, Judith Bruchfeld, Elisabeth Rydwik, Malin Nygren-Bonnier	**PA646**
Association between respiratory function parameters and functional walking capacity in patients with multiple sclerosis Filiz Eyuboglu (İstanbul, Türkiye), Tuba Kolaylı Cerezci, Mert Ilhan, Sahika Ocak, Serkan Demir, Sibel Aksu Yildirim	**PA648**
The relationship between dynamic inspiratory muscle strength and peripheral and trunk muscle function in patients with chronic kidney disease Merve Firat (Kırşehir, Türkiye), Melda Saglam, Ebru Calik, Deniz Inal-Ince, Tolga Yildirim, Naciye Vardar-Yagli	**PA649**

PS-26 Session 61 08:00 - 09:30

Poster session: Experience, knowledge and development within respiratory physiotherapy

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Pulmonary function testing | Public health | Palliative care | Respiratory intensive care | Physiology

Tag(s) : Clinical

Chairs : Karin Wadell (Umeå, Sweden), Deniz Inal-Ince (Ankara, Türkiye), Hazal Sonbahar Ulu (Antalya, Türkiye)

Late Breaking Abstract - Home-based HD-tDCS targeting the diaphragmatic motor cortex to improve respiratory function in ALS: a randomized sham-controlled trial Guilherme Fregonezi (Natal, Brazil), Edna Karla Ferreira Laurentino, Vinicius Zacarias Maldaner da Silva, Pedro Soares de Freitas Neto, Wesley Ribeiro Costa Meneses, Matias Otto Yañez, Roberto Vera Uribe, Rodrigo Torres Castro, Bruna Ribeiro Carneiro de Sousa, Rodrigo Pegado de Abreu Freitas, Sergio Ricardo Menezes Mateus, Ingrid Faber de Vasconcellos, Hamilton Cirne Fernandes Franco, Danilo Alves Pinto Nagem, Ricardo Alexsandro de Medeiros Valentim, Mário Emílio Dourado Júnior, Ana Raquel Rodrigues Lindquist, Suellen Mary Marinho dos Santos Andrade, Jéssica D. Medeiros Fonseca, Vanessa Regiane Resqueti, Guilherme de Freitas Fregonezi	**PA650**
Development and evaluation of an AHP-led community altered airway and complex respiratory service in North Central London Nicolas Chane Sing (London, United Kingdom), Jessica Lipman, Hannah McDonald, Jessica Bell, Bethan Murphy	**PA651**
Value-based long COVID care in practice:insights from a Belgian hospital Rebecca Farah (Brussels, Belgium), Milena Pavlova, Imane Zouwai	**PA652**
Enhancing referral pathways between the Midlothian Community Respiratory Team (MCRT) and Chest Heart & Stroke Scotland (CHSS) through patient and stakeholder co-design to facilitate access to CHSS services and COPD self-management support. Claire Yerramasu (Edinburgh, United Kingdom), Claire Bennett, Peter Simpson, Timothy Walsh, Jack Farquhar, Sammy Waite, Sue Perkins, Elouise Johnstone, Debbie Crerar, Gourab Choudhury	**PA653**
Knowledge of intensive care physiotherapists about palliative care: a cross-sectional observational study. Emilia Raposo Nascimento (São João da Boa Vista, Brazil), Sabrina Martins Ferreira Pinto, Yasmin Andrade Resende, Dayanne Gabriela Melo, Emilia Raposo Nascimento, Luciana Maria Malosa Sampaio, Newton Santos Faria Júnior	**PA654**
Experience of nasopharyngeal and oropharyngeal suctioning and ethical concerns among physiotherapists in the United Kingdom: qualitative data from a preliminary survey. Agnieszka Lewko (Coventry, United Kingdom), Stefan Tino Kulnik, Riyaz Koheeallee	**PA655**
Physiotherapy Provision and Practice: A EuropeAn Intensive CarE Unit (ICU) Survey (PEAiCE) – ICU physiotherapy for spontaneously breathing patients in Europe. Agnieszka Lewko (Coventry, United Kingdom), Sabrina Eggmann, Peter Nydahl, David McWilliams	**PA656**
Postural balance and daily life activities related to falls reported by individuals with moderate to very severe COPD: a prospective cohort study with follow-up Barbara A. T. Alcantara Verri (Sao Jose dos Campos, Brazil), Caroline M. Censo, Juliana M. B. dos Santos, Rafaella F. Xavier, João M. Salge, Regina M. Carvalho Pinto, Celso R. F. Carvalho	**PA657**
Behaviour Change Knowledge and Practices in Brazilian Pulmonary Rehabilitation Centres: Cross-Sectional Survey Shaiane Salvidt de Matos (Florianópolis SC, Brazil), Clara Gonçalves, Ana Paula Prim, Carina Moreira, Graziele Barbosa, Josenilton Nascimento, Bheatriz Rocha, Jhon Santos, Marina Gonçalves, Manuela Karloh	**PA658**
Investigation of pain and related factors in patients with idiopathic pulmonary fibrosis – A Preliminary study Ilknur Naz (Izmir, Türkiye), Büşra Turgut, Elvan Felekoğlu, Melissa Köprülüoğlu Koç, Ceyda Mahleç	**PA659**
Upper airway transmission of oscillatory positive expiratory pressure (OPEP). A cross-sectional physiological study in healthy adults. Lina Krohg (Kristiansand s, Norway), Anne Kristine Brekka, Monika Fagevik Olsén, Tiina Andersen	**PA660**
Physiological and clinical effects of airway clearance techniques in mechanically ventilated ICU patients: a systematic review Veronica Rossi (Milan, Italy), Martina Callera, Gina Trombetta, Raffaella Bellini, Filippo Binda, Claudio Cordani, Emilia Privitera, Giacomo Grasselli	**PA661**

EFFECTS OF THORACIC KINESIO TAPING ON PULMONARY FUNCTIONS, RESPIRATORY MUSCLE STRENGTH AND FUNCTIONAL CAPACITY IN PATIENTS WITH HEMIPLEGIA: A RANDOMIZED CONTROLLED CLINICAL TRIAL — **PA662**
Natali Bitmani (Istanbul, Türkiye)

Expiratory Muscle Strength Training in COPD Dysphagia Management: A Survey of Speech-Language Pathologists — **PA663**
Sandra Brandon (Galway., Ireland), Ruth Mc Menamin, Stanislava Antonijevic-Elliott

Efeito da aplicação de fita elástica na parede torácica sobre a mobilidade diafragmática e a cinemática toracoabdominal em indivíduos com DPOC moderada a muito grave: um estudo cruzado randomizado. — **PA664**
Estéfane C. M Reis (São Paulo, Brazil), Thiago F. Pinto, Cibele C. Berto Marques da Silva, Fabiano Francisco Lima, Regina Maria Carvalho-Pinto, Celso R. F Carvalho, Juliana Melo Batista dos Santos

Experiences of using ambulatory oxygen in COPD patients with exercise induced hypoxemia — **PA665**
Ann Ekdahl (Umeå, Sweden), Christer Jansson, Karin Wadell, Margareta Emtner

Effects of Progressive Muscle Relaxation Added to Standard Physiotherapy Program in Acute COPD Exacerbation: Preliminary Results of Ongoing Study — **PA666**
Sabri Serhan Olcay (Muğla, Türkiye), Ceren Demir, Baki Umut Tuğay

Functional and physiological adaptations following short-term pulmonary rehabilitation: a pilot pre–post analysis — **PA667**
Ana Brajdić Ščulac (Rijeka, Croatia), Kristina Skroče, Melany Ćurić, Snježana Pavlović, Marija Mandarić, Sabina Pitarević, Brian Kamstra, Viktor Peršić

PS-27 Session 62 08:00 - 09:30

Poster session: Respiratory care: nursing approaches that prioritise care, experience and well-being

Disease(s) : Sleep and breathing disorders | Airway diseases | Interstitial lung diseases | Thoracic oncology | Respiratory critical care

Method(s) : Public health | General respiratory patient care | Imaging | Palliative care | Pulmonary function testing

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Phyllis Murphie (Dumfries, United Kingdom), Goncagul Aldan (Ankara, Türkiye), Karen Heslop-Marshall (Newcastle upon Tyne (Tyne and Wear), United Kingdom)

RCT Abstract - Efficacy of upper-room ultraviolet germicidal irradiation to decrease the incidence of respiratory infections in nursing homes: a cluster randomized crossover placebo-controlled trial (RESPROTECT) — **PA668**
Cyril Cornille (Le Puy-en-Velay, France), Eric Luneau, Delphine Gabillard, Estelle Perrin, Frédérique Gondol, Sophie Lengagne, Myriam Ezzouak, Marie Peuriere, Bertrand Maubert, Pierre Saint-Sardos, Mikael Mathieu, Sabine Peghaire, François-Xavier Blanc, Didier-Koumavi Ekouevi, Marc Bouiller, Xavier Anglaret, Emilie Gadea

CHOOSE FREE: Co-designed school-based intervention to prevent tobacco and vaping use among adolescents: a mixed-methods study protocol — **PA669**
Liliana Silva (Matosinhos, Portugal), Georgeta Oliveira, Joana Costa-Gomes, Sérgio Sousa, Nuno Araújo, Siân Williams

Effect of a Nurse Led Ambulance to Home Care Bundle on Therapeutic Access and Acute Distress for Severe COPD Exacerbations in Thailand — **PA670**
Janjira sukkueng (Samutsakhon, Thailand), Sasithorn Rittisomboon, Nataphon Wuthithepbuncha, Sirinda Darayen

Integrating palliative care on a respiratory ward: experience in a tertiary center in Athens — **PA671**
Iris-Theodora Vlachantoni (Athens, Greece), Zafeiris Sardelis, Konstantinos Samitas, Ioanna Avgousti, Eirini Skontzou, Romina Chatzipetrou, Dafni Panou, Eleuftherios Zervas

Enhancing Quality and Safety in Indwelling Pleural Catheter Management Through a Cluster-Wide Nursing Standardization Program in HK — **PA672**
Maggie, Pik Kee Lit (Kowloon, Hong Kong), Kuen Han Lee, Pui Shan Chow, Yuen Hin Wong, Yiu Hei Chan, Wai Man Johnny Chan

Predictive Factors for Hospital Readmission Following an Exacerbation of COPD: The Impact of Social Risk and Pharmacological Burden — **PA673**
David Díaz-Pérez (Santa Cruz de Tenerife, Spain), Sabina Miranda Valladares, Javier Hernández González, Cristina Falcón Falcón, Javier Hernández Velloso

Nursing experience with airway clearance obstruction in young patients with cerebral infarction — **PA674**
Hsuanyun Chen (New Taipei City, Taiwan)

Perceptions, support needs, and education about CPAP in women with obstructive sleep apnea. **PA675**
Maria Isabel Portela Ferreño (Pontevedra, Spain), Virginia Moros, Clara Goñi Echeverría, Marta Luengo, Rulber Duque, Raquel Cantero

Quality-of-Life Improvements Following Engagement with BreathTec: A Real-World Retrospective Cohort Study. **PA676**
Karen Heslop-Marshall (Newcastle upon Tyne (Tyne and Wear), United Kingdom), Matthew Armstrong

Incidental Findings in Low-Dose CT Lung Cancer Screening: Clinical Management and Follow-up in a Nurse-Led Consultation **PA677**
Sally Santisteve (lleida, Spain), Anna Sánchez, Nerea Ramírez, Aida Monge, Anna Vila, Clara Sanz, Maria Zuil, Carlos Manzano, Wasim El Arfaoui, Esther Gracia-Lavedan, Carlos ALberto Rombolá, Maria Asunción Pardina, Jose David González, Virginia Garcia, Cora Andrea Sampedro, Mario Montesinos, Juan Diego Aviles, Sonia Gatius, Ferran Barbé, Jessica González

Reducing the risk of atherosclerotic CVD in patients with COPD in the primary care setting through shared decision making **PA678**
Raj Thakkar (High Wycombe, United Kingdom), Emma Lister, Katy Schiavon

Continuous cough monitoring using the Hyfe clock to study nebulized antibiotic tolerance in patients with chronic bronchial infection **PA679**
Clara Sanz (Lleida, Spain), Sally Santisteve, Anna Sánchez, Aida Monge, Anna Vila, Carlos Manzano, Iván Benítez, Iván Juez, Arturo Morales, Peter M. Small, Mindaugas Galvosas, Ferran Barbé, Jessica González

Disease Severity, Care Dependence and Level Of Self-Efficacy in Patients With COP **PA680**
Hatice Tel Aydin (Sivas, Türkiye), Ekrem Sönmez

Are Pulmonary Function Tests Always Relevant? Patient Experiences and Perspectives **PA681**
Maibritt Raevdal Christensen (Odense C, Denmark), Helle Marie Christensen

The lived experience of chronic cough: Is it a disability? **PA682**
Alyn Morice (Cottingham, United Kingdom), Kayleigh Brindle, Andrea Hilton

Integration of a palliative rehabilitation approach in pulmonary fibrosis: descriptions of creating meaning and enabling hope **PA683**
Charlotte Pooler (Edmonton (AB), Canada), Meena Kalluri, Meena Kalluri

TAI versus MARS-A for asthma adherence: validation against pharmacy dispensing data **PA684**
Elena Fariñas Álvarez (Madrid, Spain), Jose Manuel Padilla, Celia Pinedo

Specialist-nurse led service in primary and community-based care for adults with chronic respiratory conditions: a scoping review. **PA685**
Kate Gillett (Southampton, United Kingdom), Kate Lippiett, Mari Carmen Portillo, Kay Wang

Improving the Documentation of Pleural Procedures using Electronic Patient Records **PA686**
Anjana Sirivella (Maidstone, United Kingdom), Terry Lim How, Jade Mann

PS-28 Session 63 08:00 - 09:30

Poster session: Bronchiectasis: diagnosis, aetiology and phenotyping

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Physiology Public health Surgery Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology Pulmonary function testing

Tag(s) : Clinical, Translational

Chairs : Tony De Soyza (Newcastle-upon-Tyne, United Kingdom), Saqib Baig (Titusville, United States), Raja Dhar (Kolkata (West Bengal), India)

Late Breaking Abstract - Establishment and Characterization of a Non-transgenic Bronchiectasis Mouse Model **PA687**
Tang Ruidi (Guangzhou, China), Cen Chunxian, Zhong NanNan, Guan Weijie

Sputum dipeptidyl-peptidase-1 activity in patients with bronchiectasis **PA688**
Amy Gilmour (Dundee, United Kingdom), Emma Johnston, Morven K Shuttleworth, Erin Cant, Jennifer Pollock, Hollian Richardson, Arietta Spinou, Pieter C Goeminne, Michal Shteinberg, Stefano Aliberti, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix C Ringshausen, Natalie Lorent, Francesco Blasi, Amelia Shoemark, Raja Dhar, Sanjay Chotirmall, Merete B Long, James D Chalmers

Mind the gap: Assessing inequalities in access to PCD diagnostics Katharine Harman (London, United Kingdom), BreAnna Kinghorn, Nisreen Rumman, Myrofora Goutaki, Cristina Ardura-Garcia, Noelia Baz-Redón, Mark Chilvers, Stephanie Davis, Jana De Brandt, Sharon Dell, Lucy Dixon, Raja Dhar, Thomas Ferkol, Claire Hogg, Marie Legendre, Margaret Leigh, Jane Lucas, Michele Manion, Ingrid Toews, Valerie Labonte, Wallace B Wee, Panayiotis Kouis, Amelia Shoemark, Amjad Horani	**PA689**
Development and validation of a multidimensional assessment-based nomogram to predict hemoptysis risk in bronchiectasis patients Zhuang Luo (Kunming, China), Min Li, XianMei Li, WenYe Zhu	**PA690**
Upper airway ciliary dysfunction in bronchiectasis: The EMBARC cilia cohort study Erin Cant (Dundee, United Kingdom), Mathieu Bottier, Lidia Perea, Morven K Shuttleworth, Mahmoud Fassad, Hannah Mitchison, Stefano Alberti, Pieter C Goeminne, Holly Lind, Kateryna Viligorska, Emma D Johnson, Jaa Ming New, Merete B Long, Josje Altenburg, Michal Shteinberg, Francesco Blasi, Oriol Sibila, Eva Polverino, Claire Hogg, Sarah Ollosson, Michael R Loebinger, Natalie Lorent, James D Chalmers, Amelia Shoemark	**PA691**
Redefining cystic fibrosis among bronchiectasis in China through systematic screening, functional reclassification of CFTR variants, and modulator responsiveness jiayi wang (shanghai, China), Xi-Yue Shen, Jia-Yi Wang, Jin-Fu Xu*	**PA692**
The genetic profile of PCD in Denmark; Genetic and Clinical Characterization of Patients with Primary Ciliary Dyskinesia in Denmark Caroline Nygaard (Copenhagen, Denmark), Sarah Nygaard, June Marthin, Tavs Qvist, Heymut Omran, Morten Dunøe, Kim Nielsen	**PA693**
BRACE Audit of Adult Bronchiectasis: A UK trainee led National Analysis of Aetiology, Assessment Gaps, and Microbiological Burden Michael Carling (Newcastle, United Kingdom), Jospeh Kibler, Anthony DeSoyza, Henil Upahyay, Katy Hester, Rachel Anderson, Duncan Sanderson, James Chalmers, Kseniia Bielosludtseva, Rehab Haider, Mainmuna Adamu, Laali Gutierrez, Elaine Stamp, Ann Konkoth	**PA694**
Single centre correlation between clinical features and genotype in adults diagnosed with primary ciliary dyskinesia (PCD) James O'Hanlon (Galway, Ireland), Rachel O'Neill, Padraig E. Hawkins	**PA695**
Volatile compound profiling in bronchoalveolar lavage reveals risk of recurrence in pediatric protracted pacterial bronchitis Mostafa Hashemi, Ning Sun, Nina Nouri, Hannah O'Farrell, Yitayal Anteneh, Lesley Versteegh, Stephanie Yerkovich, Julie Marchant, Anne Chang, Robyn Marsh, Jane Hill	**PA696**
Etiological Spectrum of Bronchiectasis in India: A Retrospective Analysis from a Tertiary Care Centre with Implications for Etiology-Driven Management Avya Bansal (Mumbai (Maharashtra), India), NP Bhavyaja	**PA697**
Chronic obstructive pulmonary disease (COPD) and ROSE-defined phenotypes in patients with bronchiectasis from the German bronchiectasis registry PROGNOSIS Julian Schlatzer (Munich, Germany), Melanie Götschke, Jeremias Götschke, Ben Ole Staar, Raphael Ewen, Isabell Pink, Rika Zimmer, Gernot Rohde, Christopher Alexander Hinze, Katja Hoepker, Jobst Röhm, Felix C. Ringshausen, Jessica Rademacher, Pontus Mertsch	**PA698**
Differential diagnosis of bacterial and viral pneumonia in military personnel of the Defense Forces Nataliia Popenko (Kyiv, Ukraine), Valeria Seniv, Iryna Iliuk	**PA699**
Bronchiectasis as a Treatable Phenotype among acute COPD admissions in an Irish Tertiary Referral Centre Jack McCarthy (Galway, Ireland), Ruth P Cusack, Padraig E Hawkins	**PA700**
Clinical Characteristics and Disease Severity in Adult Middle Eastern Primary Ciliary Dyskinesia: A Retrospective Cohort Study Said Isse (Abu Dhabi, United Arab Emirates), Govinda Bodi, Mateen Uzbeck, Waahla Ali, Zaid Zoumot, Irfan Shafiq	**PA701**
The Silent Gap in Diagnosis: First Analysis of Immunodeficiency Screening in Patients with Bronchiectasis in Turkey Umut Ilhan (İstanbul, Türkiye), Şeyma Özden, Fatma Merve Tepetam, Hatice Selimoğlu Şen, Şeyma Başlılar, Özlem Erçen Diken, Nuri Tutar, Neslihan Özçelik, Barış Demirkol, Veysi Tekin, Helin su Kaya, Mustafa Asım Demirkol, Gökçe Külah, Gözde Matyar, Bilal Rabahoğlu, Kenan Rövşenoğlu, Mustafa Çarkçı, Erdoğan Çetinkaya, Mustafa Çörtük	**PA702**

Seronegative pulmonary hydatidosis: How often and in which patients? **PA703**
Mohamed REBEI (sfax, Tunisia), Zied Chaari, Aymen Ben Ayed, Ahmed Ben Ayed, Abdessalem Hentati

Profile of post-TB bronchiectasis in India **PA704**
Devasahayam Jesudas Christopher (Vellore (Tamil Nadu), India), Oliver Madhale, Balamugesh Thangakunam, Barney Isaac

Pulmonary exacerbations and associated risk factors in newly diagnosed bronchiectasis: An observational study using a hospital-based claims database in Japan **PA705**
Kozo Morimoto (Tokyo, Japan), Shuji Sano, Hisako Matsumoto, Hisatoshi Sugiura, Lu Zhang, Sono Sawada, Shuhei Nakamura, Naoki Hasegawa

Microbiological Diagnosis Using Bronchoscopy In Patients With Bronchiectasis: Comparison Between Techniques And Association With Patient Characteristics. **PA706**
Aranzazu Campo Ezquibela (Pamplona (Navarra), Spain), Pablo Roncero, Isabel Rozada, Ana Belén Alcaide, Carmen Felgueroso, Madeleine Di Frisco, Eduardo García-Urrestarazu, Juan Pablo De Torres

PS-29 Session 64 08:00 - 09:30

Poster session: Pneumonia: prediction models, artificial intelligence and diagnostics

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Cell and molecular biology General respiratory patient care Respiratory intensive care Imaging Epidemiology Public health Transplantation

Tag(s) : Clinical, Digital health

Chairs : Catia Cilloniz Campos (Barcelona, Spain), Tamar Arghanashvili (Tbilisi, Georgia), Tommaso Morelli (Southampton, United Kingdom)

Late Breaking Abstract - Integrated urinary multi-Omics identifies novel early biomarkers and machine learning-based prediction models for pneumonia-associated acute kidney injury **PA707**
Hongbin Gao (Beijing, China), Jieqiong Li, Zhaohui Tong

USA2: A Common Accessible Clinical Features Machine Learning Model for Community-Acquired Pneumonia 30-d Mortality Prediction **PA708**
Alon Pomerantz (Ramat Gan, Israel), Adar Yaacov, Liran Levi

Safety-first offline reinforcement learning for ICU community-acquired pneumonia antibiotic stewardship **PA709**
Neal Krishna (West Hartford, United States), Shane Sacco, Ethan Bernstein, Eric Mortensen

Non-linear Machine Learning classifiers outperform linear models and guideline-based CRP threshold in diagnosing CAP in COPD **PA710**
Nurlan Dauletbaev (Marburg, Germany), Felix Bornhausen, Hendrik Pott, Max Kutzinski, Barbara Weckler, Anna Lena Jung, Wilhelm Bertrams, Katja Hartmann, Marie Metzelder, Claus Franz Vogelmeier, Gernot Rohde, Bernd Schmeck

Preliminary Results of Electronic Nose VOC Analysis for Pneumonia Diagnosis: A Clinical–Engineering Collaborative Study **PA711**
Luca Novelli (Bergamo, Italy), Simone Vargiu, Ana Maria Tischer, Nicolae Barsan, Felix Schmidt, Carmen Bax, Emanuela Zanni, Simone Cuocina, Marina Cuntrò, Michele Capelli, Giulia Cosentino, Antonella Mulè, Valeria Motta, Cecilia Becci, Federico Raimondi, Chiara Galimberti, Marco E. G. Arosio, M. Lavinia Bellini, Raffaele Dellaca', Laura Maria Teresa Capelli, Fabiano Di Marco

Impact of BIOFIRE® FILMARRAY® Pneumonia Panel on antimicrobial stewardship in ventilator-associated lower tract respiratory infections **PA712**
Laia Fernandez Barat (Barcelona, Spain), Andrea Palomeque, Joan Canseco, Ana Motos, Davide Calabretta, Albert Gabarrús, Nona Rovira, Alba Soler-Comas, Leticia Bueno-Freire, Enric Barbeta, Kasra Kiarostami, Lucía Alessandra Pasqua, Carlos Ferrando, Javier Fernandez, Pedro Castro, Miquel Ferrer, Antoni Torres

Beyond Clinical Uncertainty: Leveraging A Convolutional Transformer for Severe Chlamydia Psittaci Pneumonia via Chest CT in Southwest China **PA713**
Qiquan Zhao (chongqing, China), Zhi Ao, ShuHang Xu

Diagnostic performance and clinical concordance of targeted next-generation sequencing in ICU patients with lower respiratory tract infections **PA714**
Yijie Liu (Beijing, China), BOWEN RAN, Xiaojing Wu, Linna Huang, Tianshu Zhai, Ying Cai, Qi Zhang, Yikun Song, Chao Zhang, Jincheng Hao, Longxian Jin, Zhenyuan Huang, Xiaoyan Lin, Xuming Li, Chen Wang, Qingyuan Zhan

INVESTIGATING THE BENEFIT, IF ANY, OF PCR BASED MOLECULAR DIAGNOSTICS IN SEVERE COMMUNITY ACQUIRED PNEUMONIA TOWARDS OPTIMIZING PATIENT OUTCOME IN A TERTIARY CARE HOSPITAL: A COMPARATIVE COHORT ANALYSIS **PA715**
Arun Pankajakshan (Kolkata, India), Beauty Halder, Arup Halder, Amrita Bhattacharya, Raja Dhar

Chest X-ray vs CT in suspected hospital-acquired pneumonia: diagnostic yield, inter-observer agreement and downstream imaging **PA716**
Fatima Khalid (Liverpool, United Kingdom), Helen Clay, Irene Pokku, Dan Wootton

RESPIRE score: derivation and validation of a clinical tool to predict multidrug-resistant pathogens in community-acquired pneumonia **PA718**
Lorenzo Pelagatti (Florence, Italy), Martina De Marco, Emma Bosco, Tullio Catalucci, Michele Gilardoni, Gian Maria Rossolini, Peiman Nazerian, Simone Vanni

Defining the threshold for diagnosing ventilator-associated pneumonia (VAP) using rapid multiplex PCR panel: An experimental study. **PA719**
Ana Motos Galera (Nantes, France), Nona Rovira-Ribalta, Roberto Cabera, Kasra Kiarostami, Blanca Llonch, Flavia Galli, Alba Soler-Comas, Andrea Palomeque, Laia Fernandez-Barat, Antoni Torres

Diagnostic yield of a multiplex pneumonia panel and its association with radiographic consolidation and antibiotic modification : a single centre cohort. **PA720**
Maryam Nazreen Sajjad Mohammed (Dubai, United Arab Emirates), Samir Hassan Naik, Arfeen Bai Shanavas, Mohamed Shihab, Nida Naeem, Safeena Imran, Akil gafarbhai Parmar

Clinical Predictors, Empirical Treatment Appropriateness, and Resistance Profiles in Severe Community-Acquired Pneumonia Caused by Pseudomonas aeruginosa: A Retrospective ICU Study **PA721**
Aysun Şengül (Kocaeli, Türkiye), Mücahit Çolak, Yusuf Aydemir, Özlem Aydemir

The role of q(SOFA), PSI, CURB-65, and MuLBSTA scoring systems in predicting mortality in hospitalized patients with COVID-19 pneumonia **PA722**
Muzaffer Şenol (BOLU, Türkiye), Songül Özyurt, Neslihan Özçelik, Aziz Gümüş

Pneumonia severity index or CURB-65 for better predicting outcomes of pneumonia in kidney transplant recipients? **PA723**
Dorina Esendagli (Ankara, Türkiye), Polina Nezalzova, Gaye Ulubay, Mehmet Haberal

Walking ability as a prognostic indicator in elderly patients with community-acquired pneumonia: a retrospective multicenter study **PA724**
Kyungman Cha (Seoul, Republic of Korea), Jeeyong Lim

Artificial intelligence–driven geospatial modelling of respiratory infection dynamics for public health decision support **PA725**
Ihor Semianiv (Chernivtsi, Ukraine), Liliia Todoriko, Yaroslav Vyklyuk

The Impact of the Covid-19 Pandemic on the Viral Epidemiology of Community-Acquired Pneumonia Agents: A Retrospective Observational Study **PA726**
Zeynep Ozeren (Ankara, Türkiye), Meltem Yıldız Kayaoğlu, Hanife Avcı, Tuğçe Kantemir, Nagehan Emiralioğlu, Kübra Aykaç, Yasemin Özsürekci, Ebru Güneş Yalçın, Deniz Doğru, Ali Bülent Cengiz, Uğur Özçelik

PS-3 Session 65 08:00 - 09:30

Poster session: Connecting the dots in primary care: from clinical to digital management and diagnosis to end-of-life care

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Pulmonary function testing | Pulmonary rehabilitation | Public health | Epidemiology | Palliative care

Tag(s) : Clinical, Digital health

Chairs : Ioanna Tsiligianni (Heraklion (Crete), Greece), Habib Ghedira (Tunis, Tunisia), Stephen Holmes (Somerset, United Kingdom)

Late Breaking Abstract - Frailty and Short-Term Adverse Outcomes in Older Adults: Initial Findings From the FACTS Fever-Clinic Registry **PA727**
ANRUO XU (China, China), XINQI LI, Xuan Chen, YingGang Zhu

A digital clinical decision support tool enables recruitment in primary care in a phase-3 COPD trial **PA728**
Simon Tekmen (Stockholm, Sweden), Pontus Andell, Paul Kalliokoski, Nikolaos Lazarinis, Johanna Hellström, Christer Janson, Dan Henrohn

Translation and validation of the COPD Population Screener and the Lung Function Questionnaire to facilitate screening in Greek primary care facilities Efthymia Papadopoulou (Thessaloniki, Greece), Despoina Karamitrou, Konstantina Papadopoulou, Christos Chatzis, Marianna Kapousouzi, Georgios Mitonas, Athina Tatsioni, Athanasios Konstantinidis, Athena Gogali, Konstantinos Kostikas, Stavros Tryfon	**PA729**
Inequities in enrollment and timing of a national pay-for-performance (P4P) programme for chronic obstructive pulmonary disease in Taiwan Pin-Kuei Fu (Taichung, Taiwan), Tsung-Hsien Yu	**PA730**
Respiratory Exacerbations are More Frequent Before Compared to After Asthma or COPD Diagnosis in Australian Primary Care Madeline Carr (Nedlands, Australia), Vidya Navaratnam, Alan Leib, Stuart Adamson, Brett Montgomery, Christopher Kosky, John Blakey, Sanjay Ramakrishnan	**PA731**
Inspiratory flow assessment and device-specific inhalation technique using the In-Check DIAL G16 in patients with asthma and COPD: baseline results from a multicenter study Javier Álvarez Albarrán (Vitoria-Gasteiz, Spain), Mónica Rodrigo Molina, Patricia Menéndez Rodriguez, Raquel Arranz Jaramillo, Sara Gil Castillo, Estrella Rad Moradillo, María Victoria García-Gallardo Sanz	**PA732**
Lung–kidney interaction in COPD: clinical and functional consequences Davron Muminov (Tashkent, Uzbekistan), Lola Daminova, Sitora Muminova	**PA733**
Prevention for informal carers of patients with chronic respiratory diseases: should we call the doctor? Sarah Gephine (Pérenchies, France), Manon Robic, Jean-Marie Grosbois, Olivier Le Rouzic, Claudine Fabre	**PA735**
Implementation and impact of a simplified diagnostic method for obstructive sleep apnea in primary care integrating primary care physicians into hospital sleep units Cristina Muñoz-Pindado (Vic (Barcelona), Spain), Raül Bonich-Juan, Carlos Muñoz-Pindado, Emma Albià-Real, Sara Sánchez-Belmonte, Anna Rovira-Cruells, Mireia Dalmases, Cristina Embid, Ana María Muñoz-Fernández, Fernando Ruiz-Mori, Candela Serra, Santi Balmes, Jesús Muñoz-Méndez, Núria Roger-Casals	**PA736**
Difficulties and perceived barriers for palliative care provision for patients with non-malignant respiratory diseases: a nationwide survey of Japanese palliative care physicians. Takashi Yamaguchi (Kobe, Japan), Naoko Kimura, Satoshi Nagimoto, Yoshinobu Matsuda	**PA737**
Self-reported adherence to treatment recommendations – a comparison of asthma and COPD Caroline Ahlroth Pind (Uppsala, Sweden), Björn Ställberg, Karin Lisspers, Josefin Sundh, Marta A Kisiel, Hanna Sandelowsky, Scott Montgomery, Maaike Giezeman, Gabriella Eliason, Tor Arnison, Christer Janson	**PA738**
Impact of a structured cardiopulmonary risk–focused COPD review in primary care Claire Young (Dungannon, United Kingdom), Mary McBride, Aaron Courtenay	**PA739**
Connected Care COPD: feasibility and diagnostic yield of a community-based COPD detection pathway Alina Blazer (Toronto, Canada), Ana MacPherson, Erin Stankevicius, Jessica Thunderbloom, Louise Won, Andrew Kouri	**PA740**
"Early COPD" Risk Assessment (PRECURSOR): Implementation Insights from an Exploratory Pilot in General Practice Jennifer Perret (Melbourne (VIC), Australia), Zhennan Qi, Jacqueline Genesin, Jingwen Zhang, E Haydn Walters, Daniel Tan, Don Vicendese, Dinh Bui, Caroline Lodge, Paul Molyneux, Shyamali Dharmage, Christopher Barton, Kerry Hancock	**PA741**
A feasibility randomised controlled trial to evaluate Artificial intelligence in PRImary Care spirometry pathways for diagnosis of Lung Disease (APRIL) William Man (Harefield, United Kingdom), Gillian Doe, George Edwards, Marko Topalovic, Ethaar El-Emir, Richard E K Russell, Elena Smets, Karolien Van Orshoven, Karl P Sylvester, Anthony P Sunjaya, David A Scott, Fay Chinnery, A Toby Prevost, Joana Vasconcelos, Maarten De Vos, Ahmed Elmahy, Stephanie J C Taylor, Ann Hutchinson, Nicholas S Hopkinson, Samantha S Kon, Ian Jarrold, Erika Kennington, Satesh Sehdev, Nannette Spain	**PA742**
The Impact of Pulmonary Telerehabilition in Patients with Longcovid Hatice Kılıç (Ankara, Türkiye), Beyza Aybüke Aydın Uzun, İrem Şerifoğlu, İrem Günay, Muhammed Babayiğit, Büşra Ağca, Aslı Bozer, Emine Argüder, Ayşegül Karalezli	**PA743**
Pilot study assessing the utilisation of the MyTeleDiary app for idiopathic pulmonary fibrosis Rebecca Connor (Coleraine, United Kingdom), K. Delargy, S. Donnelly, A. Box, S. Taylor-Stratford, N Chaudhuri	**PA744**

Health professionals' perspectives on oral corticosteroid and Short-acting beta-agonist use in asthma management **PA745**
Holly Wilson (Auckland, New Zealand), Susan Reid, Carla White, Jay Gong, Adam Wright-St Clair, Samantha Marsh, Amy Hai Yan Chan

Patient perspectives on asthma management at home and the use of management devices **PA746**
Holly Wilson (Auckland, New Zealand), Kirsty Hawke, Amio Matenga-Ikihele, Katie Faaiusao, Amy Hai Yan Chan, Ella F S Guy

PS-30 Session 66 08:00 - 09:30

Poster session: Bronchiectasis: chronic infection, microbiology and biomarkers

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Epidemiology Imaging Physiology Public health Pulmonary function testing

Tag(s) : Translational

Chairs : Stylianos Loukides (Athens, Greece), Merete Bridget Long (Dundee, United Kingdom), Anna Salina (Riga, Latvia)

Late Breaking Abstract - Airway microbiome stability in bronchiectasis despite long-term macrolide and inhaled antibiotic therapy: a 12-month prospective metagenomic study supporting patient-specific microbial persistence **PA747**
Inês Azevedo (Porto, Portugal), Efrat Muller, Luis Gonzalez, Alexandre Almeida, Adelina Amorim, Ricardo Araujo

Inflammatory endotypes in chronic airway diseases with Pseudomonas aeruginosa infection and their modulation by inhaled antibiotic. **PA748**
Fabiana Elena Cusati De Andrade (Barcelona, Spain), Ruben Osuna-Gómez, Maria Mulet Gual, Sara Roman-Palomares, David De la Rosa, Casilda Olveira Fuster, Jessica González Gutiérrez, Guillermo Suárez-Cuartín, Xavier Pomares Amigo, Concepción Montón Soler, Gema Sánchez Muñoz, Rosa Girón Moreno, Marta Ferrer Galván, Oriol Sibila

Longitudinal evolution of the respiratory microbiome in bronchiectasis and its clinical impact: BRONCHI-OMICS project **PA749**
Judith Boiza Rizos (Badalona, Spain), Filipe Gonçalves-Carvalho, Macarena Lovera, Sara Quero Blanca, Ignasi Garcia Olivé, Laura Rodriguez Pons, Marta Arjona Peris, Esther Barreiro Portela, Annie Navarro Rolón, Xavier Pomares Amigó, Concepción Montón Soler, Montserrat Vendrell Relat, Gerard Muñoz Castro, Eva Polverino, Antonia Lllunell Casanovas, Guillermo Suárez Cuartin, Carmen Calero Acuña, Laura Millares Costas, Marina Simón Coma, Elisenda Arqué Perez, Cristina Prat Aymerich, Alicia Lacoma De La Torre, Sara Martí Martí, Alicia Marín Tapia

Novel chronic Pseudomonas aeruginosa infection model reveals intracellular invasion in injured airway epithelium **PA750**
Shinya Tsukamoto (Kyoto, Japan), Yoshinari Nakatsuka, Shigeru Ashino, Toyohiro Hirai, Atsuyasu Sato

Lactate enhances airway persistence of Pseudomonas aeruginosa in bronchiectasis by modulating protein lactylation **PA751**
Yingzhou Xie (Shanghai, China), Rui Jiang, Jin-Fu Xu

Insights into Pseudomonas aeruginosa in patients with primary ciliary dyskinesia: presence and persistence compared to cystic fibrosis **PA752**
Nicola Ullmann (Roma (RM), Italy), Martina Rossitto, Serena Raimondi, Valeria Fox, Gianluca Vrenna, Marco Cristiano, Vanessa Tuccio Guarna Assanti, Nour Essa, Maria Stefania Lepanto, Alessandra Boni, Flavia Sferlazza, Renato Cutrera, Carlo Federico Perno, Paola Bernaschi

Performance of a Novel Index "PERS" in predicting Pseudomonas aeruginosa eradication in bronchiectasis **PA753**
Guliz Kizir (Istanbul, Türkiye), Celal Satici, Banu Kahriman, Seda Tural, Sinem Nedime Sokucu

Microbiological agents and antibiotic resistance patterns in stable and exacerbation periods of non-cystic fibrosis bronchiectasis: a multicentre study from Turkiye **PA754**
Sevim Nur Erkayıran (Adana, Türkiye), Sinem Berik Safci, Özlem Erçen Diken, Yılmaz Bülbül, Hasan Kahraman, Akın Kaya, Hatice Selimoğlu Şen, Barış Demirkol, Mustafa Çörtük, Gamze Kırkıl, Nuri Tutar, Özlem Şengören Dikiş, Gülistan Karadeniz, Ersin Günay, Neslihan Özçelik, Erdoğan Çetinkaya, Veysi Tekin, Mustafa Çarıkçı, Umut İlhan, Bilal Rabahoğlu, Önsel Onel, Feyza Betül Yıldız, Tahsin Gezgin, Sabri Serhan Olcay, Fatma Gülsüm Karakaş, İrem Salıcı, Zeynep Selen Saçıkara, Fatih Tekin, Kenan Rövşenoğlu

Nocardiosis and Bronchiectasis: a single-Center experience **PA755**
Lorenzo Arlando (Pavia, Italy), Maria Arminio, Francesco Rocco Bertuccio, Valentina Conio, Angelo Guido Corsico, Paolo Cosseta Reposi, Elisabetta Gallo, Simone Montini, Lucrezia Pisanu, Giulia Maria Stella

Serum GDF-15 is associated with co-morbidity and disease severity in patients with bronchiectasis — **PA756**
Pontus Mertsch (Munich, Germany), Merete B Long, Rebecca Hull, Quingyou Du, Rachel Galloway, Pieter C Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Natalie Lorent, Katerina Dimakou, Adelina Amorim, Raul Mendez, Anne Marie McLaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, James D Chalmers, Felix C Ringshausen

Microbial infection and socioeconomic deprivation in bronchiectasis — **PA757**
Rebecca C Hull (Dundee, United Kingdom), Rachel Galloway, Hollian Richardson, Holly Lind, Chandani Hennayake, Daniela Alferes de Lima Headley, Jennifer Pollock, Eve McIntosh, Merete B Long, James D Chalmers

Intra-host Pseudomonas aeruginosa dynamics under antibiotic pressure in COPD and non-CF bronchiectasis: results from an observational trial. — **PA758**
Espen Elias Groth (Großhansdorf, Germany), Lisa Göpel, Sina Minke, Hinrich Schulenburg, Barbara Kalsdorf, Laura Kirchhoff, Leif Tüffers, Klaus F. Rabe, Sébastien Boutin, Dennis Nurjadi, Jan Rupp

Identifying Patients with Non-Cystic Fibrosis Bronchiectasis at Risk for Nontuberculous Mycobacterial Lung Disease: Early Development of a Predictive Score — **PA759**
Maria Arminio (Pavia, Italy), Lorenzo Arlando, Paolo Cosseta Reposi, Elisabetta Gallo, Lucrezia Pisanu, Mitela Tafa, Francesco Rocco Bertuccio, Valentina Conio, Angelo Guido Corsico, Giulia Maria Stella

Correlation of circulating neutrophils and the neutrophil-to-eosinophil ratio (NER) with activity and severity of disease in bronchiectasis — **PA760**
Nikoleta Bizymi (Athens, Greece), Andreas M. Matthaiou, Ioannis Tomos, Konstantina Symvoulaki, Christos Skiadas, Georgios Pitsidiannakis, Adamantia Liapikou, Nikolaos Tzanakis, Katerina M. Antoniou

Atypical presentation of an enterovirus epidemic in the Algerian Est: association of pneumonia with febrile rash in 27 patients — **PA761**
Mohammed El Wadjih Benkara (Constantine, Algeria), Zoheir Belaid, Atef Bouhant, Khaled Tlili, Tarek Sekhane, Mohamed El Bachir Hachani, Redouane Belala

High Concordance Between Illumina and Nanopore Sequencing for Pseudomonas aeruginosa Genome Assembly and Variant Detection — **PA762**
Guillem Macip (Barcelona, Spain), Viviane Oliveira, Alba Soler-Comas, Amanda Rocha, Miquel Ferrer, Antoni Torres, Laia Fernandez-Barat

Lung function drives symptom burden in the stable phase of bronchiectasis — **PA763**
Martina Lo Casto (Palermo, Italy), Alessandra Tomasello, Stefania Marino, Giuseppina Angileri, Anna Lo Pilato, Alessia Vita, Nicola Scichilone, Salvatore Battaglia

Characterization of the German Bronchiectasis Registry (PROGNOSIS) Cohort Stratified by Exacerbation Frequency — **PA764**
Pontus Mertsch (Munich, Germany), Jeremias Götschke, Ben Ole Staar, Raphael Ewen, Melanie Götschke, Isabell Pink, Julian Schlatzer, Rika Zimmer, Gernot Rohde, Christopher Alexander Hinze, Katja Höpker, Jobst Röhmel, Felix C. Ringshausen, Jessica Rademacher

Late Breaking Abstract - Psychometric validation of the CAAT (Chronic Airways Assessment Test) in bronchiectasis — **PA765**
Paul Jones (London, United Kingdom), Ruth Tal-Singer, George Solomon, Fatoumata Fofana, Patrick Daniele, Gale Harding, Stefano Aliberti, Felix Ringshausen, Michael Loebinger, Natalie Lorent, Michal Steinberg, Francesco Blasi, Pieter Goeminne, Holly Lind, Sydney Taylor, Bruce Miller, James Chalmers

PS-31 Session 67 08:00 - 09:30

Poster session: Non-tuberculous mycobacteria: navigating diagnosis, treatment and outcome

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health Pulmonary rehabilitation General respiratory patient care Endoscopy and interventional pulmonology Cell and molecular biology Imaging Physiology

Tag(s) : Clinical

Chairs : Natalie Lorent (Leuven, Belgium), Claire Andrejak (Amiens, France), Jakko van Ingen (Nijmegen, Netherlands)

Late Breaking Abstract - Clinical characteristics and risk factor associated with disease progression in patients with nontuberculous mycobacterial disease — **PA766**
Zhiyi He (Nanning, China), Siyao Wu, Xiaona Liang, Siqiao Liang, Yan Ning, Xuemei Huang

Prevalence of Serum Aspergillus-specific IgG Antibodies in Patients with Non-Tuberculous Mycobacterial Pulmonary Disease Donghyeong Koo (Seoul, Republic of Korea), Joong-Yub Kim, Nakwon Kwak, Taek Soo Kim, Jae Hyeon Park, Eun Young Song, Jae-Joon Yim	**PA767**
The utility of ultrathin bronchoscopy for the diagnosis of nontuberculous mycobacterial pulmonary disease: A Dual-center Prospective Observational Study Toshiyuki Nakai (Osaka, Japan), Takahiro Ueda, Yuta Sakano, Kentaro Ueno, Yuri Oshima, Masaya Tsutsumi, Hiroaki Nagamine, Shigeki Kakuno, Atsushi Miyamoto, Koichi Ogawa, Yoshiya Matsumoto, Kazuhiro Yamada, Tetsuya Watanabe, Hideaki Kadotani, Riki Uenishi, Noriko Takeda, Hiroaki Kubo, Hidenori Tanaka, Haruhiko Matsushita, Kazuhisa Asai, Tomoya Kawaguchi	**PA768**
NTM-Pulmonary Disease, Response to Treatment and Survival; A Single Centre Cohort Study. Emma Spector (Newcastle, United Kingdom), Stephen Murphy, Ned Frost, Anton Queen	**PA769**
Incidence and Timing of Adverse Events During Treatment for Pulmonary Mycobacterium avium complex Disease: A Prospective Cohort Study Yosuke Nakanishi (Kurashiki-shi, Japan), Akihiro Ito, Shotoku Kiyohara, Tomoki Teramoto, Yasuto Ogata, Tadashi Ishida	**PA770**
Optimization of murine models to assess pulmonary antibiotic activity against Mycobacterium abscessus Nicolas Veziris (Paris Cedex 13, France), Maya Rima, Aurelie Chauffour, Corentin Poignon, Alexandra Aubry	**PA771**
Treatment outcomes of Mycobacterium simiae pulmonary disease: A retrospective multicenter cohort study Raya Cohen (Yodfat, Israel), Ronza Najjar-Debbiny, Anat Arbel, Kathrien Mousa, Sharbel Hashoull, Razi Abu Raya, Galia Rahav, Iris Zohar, Amos Adler, Nili Stein, Freddy Frost, Michal Dekel, Inbal Fuchs, Avital Avriel, Sivan Perl, Michal Shteinberg	**PA772**
Microbiological Impact of Airway Clearance Technique and Pulmonary Rehabilitation in NTM-PD: A preliminary IPTW-adjusted landmark analysis Areum Hwang (Seongnam, Republic of Korea), Eunjeong Ji, Bou Choe, Kyu-Jin Lee, Ji-Eun Lee, Haseul Jo, Myungki Ji, Byoungsoo Kwon, Jong Sun Park, Jae Ho Lee*, Jaewon Beom, Hyung-Jun Kim*	**PA773**
Evaluation of the use of ceftazidime-avibactam and bedaquiline in the treatment of M. abscessus-pulmonary disease Ayaa Eltayeb (Cambridge, United Kingdom), Catherine Doig, Sumita Pai, Charles Haworth, Uta Hill, Andres Floto	**PA774**
Clinical factors associated with culture conversion in refractory Mycobacterium avium complex-pulmonary disease treated with amikacin liposome inhalation suspension: a meta-analysis Yoshinao Ono (Sendai, Miyagi, Japan), Naoya Fujino, Takeshi Morimoto, Masatsugu Ishida, Mitsuhiro Yamada, Hisatoshi Sugiura	**PA775**
Nutritional vulnerability predicts treatment intolerance and outcomes in non-tuberculous mycobacterial pulmonary disease: a UK dual-centre cohort study Muhammad Salman Rashid (Leeds, United Kingdom), Akhil Prakash Sawant, Muhammad Salman Rashid	**PA776**
Longitudinal Patterns of Microbiological Culture Status among Patients with Non-tuberculous Mycobacterial Pulmonary Disease: A Prospective Cohort Study JUYE BAE (Seoul, Republic of Korea), Seonghye Jung, Kwonhyung Hyung, Joong-Yub Kim, Nakwon Kwak, Jae-Joon Yim	**PA777**
Potential efficacy of Streptomycin in AMK-resistant Mycobacterium avium-intracellulare complex pulmonary disease Tatsuya Kodama (Kiyose, Japan), Kozo Morimoto, Yoshiro Murase, Akio Aono, Koji Furuuchi, Keiji Fujiwara, Masashi Ito, Takashi Ohe, Fumiya Watanabe, Yusuke Minato, Yuji Shiraishi, Takashi Yoshiyama, Satoshi Mitarai	**PA778**
Single-cell transcriptomic profiling of Mycobacterium avium complex lung disease patients with distinct radiographic patterns Chia-jung Liu (Hsinchu, Taiwan), Chin-Chung Shu, Chong-Jen Yu	**PA779**
Diagnostic accuracy of an anti-GPL-core IgA assay in progressive and non-progressive nontuberculous mycobacterial lung diseases Patricio Escalante (Rochester, United States), Balaji Pathakumari, Thomas Cox, Virginia Van Keulen, Maleeha Sha, Tobias Peikert	**PA780**

Inhaled corticosteroids and non-tuberculous mycobacteria in chronic obstructive pulmonary disease **PA781**
Emma Borremose Wedervang (Hellerup, Denmark), Victor Naestholt Dahl, Anna Kubel Vognsen, Troels Lillebaek, Andreas Fløe, Barbara Bonnesen, Josefin Eklöf, Pradeesh Sivapalan, Jens-Ulrik Stæhr Jensen

Clofazimine use for nontuberculous mycobacterial infections: 10-year experience in Belgium **PA782**
Astrid Piot (Leuven, Belgium), Sophie Missault, Yannick Vande Weygaerde, Nityanand Jain, Isabel Spriet, Franky Buyle, Eva Van Braeckel, Natalie Lorent

Clinical characteristics and risk factors of non-tuberculous mycobacteria with osteolytic lesions: A multicenter retrospective study **PA783**
Yaqin Wei (Shenzhen, China), Mianluan Pan, Kaiduan Xie, Jinxin Zheng, Jianquan Zhang

Clofazimine enteropathy - a case series and literature review **PA784**
James Gunning (Brisbane, Australia), Rachel Thomson

Risk factors for nontuberculous mycobacteria infections in lung transplant recipients **PA785**
Wenhui Chen (Beijing, China), Qi Wang, Qing Zhang, Jiankang Zhao, Mengyin Chen, Chun Wang, Li Zhao, Bin Xing, Lijuan Guo, Hong Chen, Bin Cao

PS-32 Session 68 08:00 - 09:30

Poster session: Adult cystic fibrosis: changing with modulators

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Cell and molecular biology Pulmonary function testing Epidemiology Imaging

Tag(s) : Clinical, Translational

Chairs : Andrea Gramegna (Milano (MI), Italy), Leander Jonckheere (Gent, Belgium), Michal Shteinberg (Haifa, Israel)

Real-World Clinical Outcomes of Elexacaftor/Tezacaftor/Ivacaftor in cystic fibrosis patients with Homozygous CFTR I1234V Mutation in Qatar: A Single-Center cohort Study **PA786**
Mona Allangawi (Doha, Qatar), Merlin Thomas, Theeb O T Sulaiman, Yasmin Hussein

Impact of CFTR modulators on glucose metabolism and hepatobiliary status in cystic fibrosis **PA787**
Aytekin İdikut (Ankara, Türkiye), Yusuf Yalcin, Başak Akyol, Aslı Alkan, Oğuz Karcıoğlu

Determinants of early Elexacaftor-Tezacaftor-Ivacaftor use in adults with cystic fibrosis and preserved lung function: insights from a European multicenter survey. **PA788**
Chiara Premuda (Palermo, Italy), Andrea Gramegna, Carlo Magnoni, Gianfranco Alicandro, Onno Akkerman, Adelina Amorim, Pilar Azevedo, Stephen Bourke, Vincenzo Carnovale, Filia Diamantea, Libor Fila, Freddy Frost, Rosa Maria Giron Moreno, Camelia Pescaru, Eva Polverino, Almudena Felipe Montiel, Marta Rachel, Gergana Petrova Stoyanova, Eva Van Braeckel, Sonia Volpi, Andrea Vukić Dugac, Sabine Wege, Nicholas J Simmonds, Barry J Plant, Damian G Downey, Silke van Koningsbruggen-Rietschel, Pietre-Régis Burgel, Francesco Blasi

Preliminary effects of elexacaftor/tezacaftor/ivacaftor on pulmonary function, respiratory mechanics, and body composition in Brazilian people with cystic fibrosis **PA789**
Izabella Loureiro (Campinas, Brazil), Tayná Castilho, Patrícia Keil, Daniela Borgli, Jorge Sernaglia, Aline Gonçalves, Aline Souza, Mauro Pascoa, Maria Angela Ribeiro, Silvana Dalge, José Dirceu Ribeiro, UNICAMP Modulators CFTR Study Group (UNIMCS GROUP)

Determinants of FEV1 decline in cystic fibrosis patients in South Africa: a longitudinal cohort study **PA790**
Samuel Peres Surdut (Cape Town, South Africa), Marco Zampoli, Janine Verstraete, Greg Calligaro

Impact of Elexacaftor/Tezacaftor/Ivacaftor on cholesterol loading and efflux capacity in a cohort of adults with cystic fibrosis **PA791**
Gianmarco Putti (Milan, Italy), Andrea Gramegna, Massimiliano Ruscica, Gianfranco Alicandro, Maria Pia Adorni, Francesca Zimetti, Martina Contarini, Sofia Misuraca, Marco Mantero, Francesco Blasi

Pseudomonas antimicrobial resistance profile in cystic fibrosis: a 30-year report **PA792**
Gianmarco Putti (Milan, Italy), John Moore, Deirdre Gilpin, Andrea Gramegna, Francesco Blasi, Damian Downey

Impact of Elexacaftor/Tezacaftor/Ivacaftor (ETI) on Clearance of Mycobacterium abscessus Complex Pulmonary Disease (MAbCPD) in Patients with Cystic Fibrosis (pwCF) **PA793**
Kseniia Bielosludtseva (Cambridge, United Kingdom), Anna Komand, David Abelson, Abisola Ipaye, Bobbak Rabiei, Sumita Pai, Uta Hill

Non-tuberculous mycobacteria (NTM) negativization in Cystic Fibrosis (CF): A Retrospective Analysis of elexacaftor/tezacaftor/ivacaftor (ETI) therapy **PA794**
Francesca Lucca (Verona, Italy), Francesca Miscetti, Giulia Cucchetto, Marco Cipolli

Investigating airway immune responses in NTM pulmonary disease using sputum-based single-cell profiling **PA795**
Mariagiulia Conte (milan, Italy), Francesca Nicola, Chiara Ferrari, Martina Contarini, Gaia Saldarini, Clemente Britto-Leon, Francesco Blasi, Daniela Maria Cirillo, Stefano de Pretis, Andrea Gramegna, Nicola Ivan Lorè

Inhaled anti-pseudomonas antibiotics and cystic fibrosis modulator therapy **PA796**
Ching Khai Ho (Newcastle Upon Tyne, United Kingdom), Niall Molloy, Ali Robb, Aleksandra Duffy, Simon Doe, Carlos Echevarria, Stephen Joseph Bourke

Circulating T and B cell signatures in cystic fibrosis and prediction of pulmonary exacerbations **PA797**
Elizabeth Mann (Manchester, United Kingdom), Laurence Pearmain, Sharon Weinberg, Felicity Hunter, Rosie Maher, Nicholas Scott, Andrew Jones, Eva Caamano-Gutierrez, Michael Tunney, Robert Lord, Alex Horsley

Airway microbial and inflammatory dynamics during cystic fibrosis exacerbations **PA798**
Laura Bollé (Ghent, Belgium), Merel Wauters, Iris Janssens, Leander Jonckheere, Marlies De Coninck, Laure Lievens, Leonie Vandecaveye, Aurélie Crabbé, Eva Van Braeckel

Use of proton pump inhibitors in pwCF naïve to CFTR modulators: ECFS registry data. **PA799**
George Shallufi (Haifa, Israel), Simone Gambazza, Annalisa Orenti, Lea Bentur, Ronen Bar-Yoseph, Meir Mei-Zahav, Michal Gur

Sleep disturbances and mental health in adults with cystic fibrosis in the CFTR modulator era **PA800**
Caner Çınar (istanbul, Türkiye), Zeynep Mercancı, Muhammed Asım Kızılkaya, Ahmet Tarık Beyoğlu, Mehmet Kutluhan Akarçay, Mehmet Said Öz, Fatih Ozan Söyleyici, Sait Karakurt

National Registry Analysis Of Pseudomonas Aeruginosa Monoinfection And Coinfection With Methicillin-Susceptible Staphylococcus Aureus In Cystic Fibrosis **PA801**
Aysen Kara (Ankara, Türkiye), Oguz Karcıoglu, Ebru Yalcın, Meltem Yıldız Kayaoglu, Dilara Demirel, Velat Sen, Hadice Selimoglu Sen, Abdurrahman Zarif Guney, Çigdem Korkmaz, Ayse Ayzıt Kılınc Sakallı, Suat Savas, Hanife Tugce Caglar, Sevgi Pekcan, Figen Gülen, Gülcan Yılbas Kara, Melih Hangül, Erdi Çagrı Dagdelen, Yakup Canıtez, Yesim Keskin, Mehmet Köse, Özlem Keskin, İbrahim Halil Karahan, Erkan Cakır, Ayşen Bingöl, Abdurrahman Erdem Basaran, Ali Özdemir, Pelin Asfuroglu, Hande Yetisgin, Dilber Ademhan Tural, Nilgün Kula, Ayşe Tana Aslan, Tuğba Ramaslı Gürsoy, Beste Özsezen, Aylin Bagcı, Fazılcan Zirek, Esin Gizem Olgun, Gülay Bilgin, Eylül Pınar Cakır, Hüseyin Arslan, Özge Meral, Deniz Mavi Tortop, Ece Ocak, Mehmet Mustafa Özaslan, Zeynep Gökçe Gayretli Aydın, Tuğba Şişmanlar Eyüboğlu, Sermin Börekci, Güzin Cinel, Nagehan Emiralioglu, Uğur Özcelik, Deniz Dogru Ersöz

Randomized placebo-controlled, double-blind study on the effects of omega-3 supplementation on CFTR modulator therapy status in adults with cystic fibrosis. **PA802**
meryem itek altunay (ankara, Türkiye), Oguz Karcioglu, Alihan Altunay, Kutay Demirkan

Vitamin D and K Deficiency Surveillance in Patients with Cystic Fibrosis (CF) and Associated Liver Disease **PA803**
Kseniia Bielosludtseva (Cambridge, United Kingdom), Chloe Angel, Martina Bartus, Uta Hill

PS-33 Session 69 08:00 - 09:30

Poster session: Clinical aspects of pulmonary fibrosis: real-world studies

Disease(s) : Interstitial lung diseases Thoracic oncology

Method(s) : Surgery Epidemiology Pulmonary function testing General respiratory patient care Public health Imaging Physiology

Tag(s) : Clinical

Chairs : Peter Saunders (London, United Kingdom), Punchalee Kaenmuang (Songkhla, Thailand), Diana Calaras (Chisinau, Republic of Moldova)

Late Breaking Abstract - Treatment with taladegib results in increased lung volume and regression of markers of ILD: A Phase 2a post hoc CT analysis using Brainomix e-Lung **PA804**
Peter George (London, United Kingdom), Anand Deveraj, Anita DiFrancesco, George Harston, John Hood, John Huetsch, Christian Rennison Jones, Miguel de los Rios, Wassim Bou-Zeid, Lisa Lancaster

Integrated Histopathologic and CT-Defined Interstitial Lung Abnormalities and Mortality after Lung Cancer Resection **PA805**
Yong Suk Jo (Seoul, Republic of Korea), Seung Keun Yoon, Dong Geun Lee, Kyung Soo Kim, Mi Hyoung Moon, Young-Du Kim, Kyongmin Sarah Beck, Yeoun Eun Sung, Jeewon Lee, Hyeong Jun Cho

Diagnostic and therapeutic challenges of lung cancer in patients with interstitial lung disease: A bicentric cohort study Soumaya Debiche (Tunis, Tunisia), Houda Snene, Ferdaous Yangui, Hela Cherif, Nadia Mhiri, Bechir Louzir, Mohamed Ridha Charfi	**PA806**
Long-term IPF survival is associated with preserved lung function and low symptom burden at time of diagnosis Maria Hollmén (Helsinki, Finland), Atte Laaka, Kaisa Rajala, Eva Sutinen, Mari Ainola, Marjukka Mylläriemi	**PA807**
Predictors of death or transplant following progressive pulmonary fibrosis (PPF) across 2 interstitial lung disease (ILD) cohorts Aparna Swaminathan (Durham, United States), Scott Palmer, Lisa Wruck, Susanna Stevens, Peter Shrader, Aditi Desai, Yue Zhong	**PA808**
Which one is superior in predicting mortality in IPF patient: PNI, GNI, CONUT, LAR Gülistan Karadeniz (Izmir, Türkiye), Ezgi Cengiz, Fatma Demirci Üçsular	**PA809**
Trends in idiopathic pulmonary fibrosis hospital admissions in England: 2012 to 2024 Nicholas Leedman (Perth, Australia), Peter Franklin, Jennifer Quint, Vidya Navaratnam	**PA810**
Sex-dependent integration of symptoms and functional vulnerability in interstitial lung disease: eurILDreg study Ekaterina Krauss (Giessen, Germany), Silke Tello, Anita Windhorst, Heva Mustafa, Poornima Mahavadi, Tobias Veit, Juergen Behr, Bruno Crestani, Carlo Vancheri, Maria Molina Molina, Andreas Guenther	**PA811**
Three-Minute Walk Test as a Practical Screening Tool for Detecting Exertional Hypoxemia in Fibrotic Interstitial Lung Disease: A Real-World Cohort Study Chen-Cheng Huang (Taichung, Taiwan), Lan-Yan Yang, Yi-Hsuan Yu, Yi-Ching Chen, Pin-Kuei Fu	**PA812**
Long-Term Clinical and Radiological Outcomes of Combined Pulmonary Fibrosis and Emphysema: A Single-Center Experience Aykut Cilli (Antalya, Türkiye), Aliye Gamze Çalış, Fatih Üzer, Ahmet Faruk Gürbüz, Gamzenur Özbey	**PA813**
Unclassified Autoimmune Serology in ILD: HRCT Patterns and a Signal for Progressive Fibrosis Esra Arslan Aksu (Samsun, Türkiye), Levent Özdemir, Burcu Ozdemir, Savaş Gegin, Nurçin Oğreten Yadigaroğlu, Mesut Öztürk	**PA814**
Longitudinal Study on the Impact of Multidisciplinary Discussion in Enhancing Diagnostic Competence in Interstitial Lung Diseases Shiyao Wang (Beijing, China), Yaowu He, Yanhong Ren, Bingbing Xie, Jing Geng, Sa Luo, Xuan He, Dingyuan Jiang, Shi Shu, Guowu Zhou, Min Liu, Ling Zhao, Sizhao Li, Huaping Dai	**PA815**
The protective impact of vaccination on survival and risk of AE-IPF Ioannis Tomos (Athens, Greece), Christina Ntinidi, Georgia Vourli, Maria Kallieri, Ifigenia Nakou, Christina Aggelopoulou, Ilias Dimeas, Paraskevi Kirgou, Georgios Vaios, Anastasia Papanikolaou, Konstantinos Tatsis, Eirini Vasarmidi, Athena Gogali, Fotios Drakopanagiotakis, Paschalis Steiropoulos, Katerina Antoniou, Zoe Daniil, Georgios Margaritopoulos, Spyros Papiris, Effrosyni Manali, Adamantia Liapikou	**PA816**
Real-world outcomes of patients with ILD phenotypes in Finland: Preliminary results from the MATILDE study Maria Hollmén (Helsinki, Finland), Antti Palomäki, Maria Ahonen Mehmeti, Thomas Hambridge, Xavier Teitsma, Monika Haaksma-Herczegh, Olivia Hölsä, Ritva Peltomaa, Maritta Kilpeläinen	**PA817**
Does subspeciality care within a district general hospital improve screening for causes of ILD – A follow up? Amy Lebby (ipswich, United Kingdom), Mauli Patel, Vibhash Gunasene, Shabnam Enam, Matthew John Burton	**PA819**
Changes in the quality of life over time in patients with idiopathic pulmonary fibrosis (IPF) enrolled in the European Multipartner Registry (EMPIRE) Katarzyna B. Lewandowska (Warszawa, Poland), Małgorzata Sobiecka, Nesrin Mogulkoc, Martina Šterclová, Mordechai Kramer, Veronika Müller, Vladimir Bartoš, Martina Plačková, Martina Doubková, Amelia Szymanowska-Narloch, Monika Žurková, Petra Ovesná, Martina Koziar Vašáková	**PA820**
The clinical course of IPF revisited – pattern of survival, lung function decline and duration of symptoms Julia Kamm (Salzburg, Austria), Michael Studnicka, Jakub Gregor, Petra Ovesná, Mirja Wirtz, Nesrin Mogulkoc Bishop, Martina Sterclova, Katarzyna Lewandowska, Mordechai Kramer, Veronika Müller, Martina Koziar Vašáková	**PA821**

A nationwide, cross-sectional survey among pulmonologists and rheumatologists on regional and sectoral patterns of Interstitial Lung Disease management in Germany **PA822**
Philipp Markart (Fulda, Germany), Christoph Fiehn, Rebecca Hasseli-Fraebel, Nicolas Kahn, Beate Stubbe, Marielle Girke, Marlene Hechtner, Valentin Sebastian Schäfer

Dutch prospective observational cohort study to identify biomarkers for progressive pulmonary fibrosis. **PA823**
Iris Anna Simons (Amsterdam, Netherlands), Yolanda de Wit-van Wijck, Tamara Dekker, Daniël A. Korevaar, Suzan F.M. Nijman, Bart G. Boerrigter, Lilian J. Meijboom, Ralf W. Sprengers, Paul Brinkman, Anke-Hilse Maitland-van der Zee, Esther J. Nossent, Jan Willem Duitman

PS-34 Session 70 08:00 - 09:30

Poster session: Novel therapies and biomarkers in idiopathic pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : Pulmonary rehabilitation Epidemiology General respiratory patient care Cell and molecular biology Pulmonary function testing Imaging

Tag(s) : Translational

Chairs : James May (London, United Kingdom), Evelyn Lynn (London, United Kingdom), Sujay Halkur Shankar (Bengaluru, India)

Late Breaking Abstract - The effect of inhaled treprostinil in patients with idiopathic pulmonary fibrosis using a win ratio analysis **PA824**
Steven D Nathan (Falls Church, United States), Vincent Cottin (Lyon, France), Steven Nathan, Peter Smith, Chunqin Deng, Youlan Rao, Kyle Davis, Emilia Zywot, Debby Dunaway, Juergen Behr, Kevin Flaherty

RC-0315 for treatment of idiopathic pulmonary fibrosis: a partially blinded, randomized, placebo-controlled, single and repeat dose safety & tolerability phase 1b study **PA825**
Paul Ford (Henfield, United Kingdom), Toby Maher, Martin Kolb, Mordechai Kramer, Osnat Shtraichman, Barak Pertzov, Ayelet Dilion Mashiah, Yuval Shaked, Michael Timaner

Study Design and Baseline Characteristics of AURORA, a Randomized Placebo-Controlled Double-Blind Study of CAL101 in IPF **PA826**
Toby M Maher (Los Angeles, CA, United States), Philip L Molyneaux, Cecilia Ganslandt, Jonas Hallén, Charlotte Kleiveland, Margrethe Sørgaard, Simon L F Walsh, Marlies S Wijsenbeek

AZD8965, a novel oral arginase inhibitor, shows consistent safety, tolerability and pharmacokinetic profile in healthy Chinese and Japanese participants: results from a Phase 1 study **PA827**
Caroline Owen (Gaithersburg, United States), Bernadette Gochuico, Simon Carter, Beatriz Seoane Nuñez, Deeyen Karsanji, Rohit Narayan, Sadanand Gangadharaiah, Nirmal Kumar Shankar, Michael Cushion, Joanna Kiraga, Ana Luisa Cepero, David Han, Ellinor Hornberg, Caroline A. Owen

Baseline Clinical and Functional Spectrum of Idiopathic Pulmonary Fibrosis Patients in a Fully Enrolled Global Phase 2 Trial of the PRS Inhibitor Bersiporocin **PA828**
Moo Suk Park (Seoul, Republic of Korea), Man Pyo Chung, Won-Il Choi, Hyun-Kyung Lee, Kevin F. Gibson, Elizabeth A. Belloli, Murali Ramaswamy, Thomas D. Kaelin, Anoop M. Nambiar, Steven D. Nathan, Toby M. Maher, Ji In Ryu, YeaRa Kwak, Jin Woo Song

Design of SURPASS-IPF: A personalized approach to a phase 3 trial of deupirfenidone compared to pirfenidone in idiopathic pulmonary fibrosis **PA829**
Vincent Cottin (Lyon, France), Miguel Bergna, Amy Case, Won-Il Choi, David Golod, Camilla Graham, Mark Hamblin, Tejaswini Kulkarni, Toby Maher, Steven Nathan, Jessica Shore, Jin Woo Song, Ioannis Tomos, Argyrios Tzouvelekis, Marlies Wijsenbeek-Lourens, Zuo Jun Xu

DROP-FPF: an exploratory trial to evaluate nerandomilast in individuals with interstitial lung abnormality/interstitial lung disease and a first-degree relative with pulmonary fibrosis **PA830**
Gary Hunninghake (Boston, United States), Raphael Borie, Tomoyuki Fujisawa, Dolly Kervitsky, Maria Molina Molina, Anna J Podolanczuk, Pilar Rivera-Ortega, Ivan Rosas, Margaret L Salisbury, John Solheim, Sara Tomassetti, Zhiguang Huo, Natalia Korniy-Ludwig, Susanne Stowasser, Eric S White, Luca Richeldi

Predicting long-term survival benefit of nerandomilast in patients with pulmonary fibrosis **PA831**
Toby M Maher (Los Angeles, CA, United States), Pratik Pimple, Kerri Aronson, Madhu Kanakapura, Divya C Patel, Sharash Shetty, Pragya Shukla, Jeffrey J Swigris, Eszter Nagy, Diana Weidlich, Marlies S Wijsenbeek

Effects of nerandomilast on plasma protein biomarkers in patients with idiopathic pulmonary fibrosis (IPF) **PA832**
Francesco Bonella (Essen, Germany), Justin M Oldham, Arata Azuma, Klaus B Rohr, Nichiren Pillai, Wibke Stansen, Carina Ittrich, Christian Hesslinger, Toby M Maher

Effect of inhaled treprostinil dosing in patients with idiopathic pulmonary fibrosis enrolled in the TETON IPF program — **PA833**
Vincent Cottin (Lyon, France), Steven Nathan, Kevin Flaherty, Peter Smith, Chunqin Deng, Youlan Rao, Debby Dunaway, Emilia Zywot, Kyle Davis, Juergen Behr

Feasibility and clinical signals of inhaled pirfenidone in patients with idiopathic pulmonary fibrosis: a prospective self-controlled pilot study — **PA834**
Atefeh Abedini (Tehran, Islamic Republic of Iran), Baharak Danyaee, Arda Kiani, Mohammad Kazempoor Dizaji, Mahdi Khatuni, Mohammad Varahram, Zahra Ameri Ahmad, Mehdi Kazempour-Dizaji, Hamed Hamishehkar, Leila Emami, Ali reza Monadi Sefidan, Kimia Taghavi

Inverse Association Between Serum Galectin-3 Levels and Follow-up Duration in Idiopathic Pulmonary Fibrosis: A Hypothesis-Generating Study — **PA835**
Sibel Emre (TEKİRDAĞ, Türkiye)

Impact of serum CA125 levels on the development of progressive pulmonary fibrosis in patients with idiopathic interstitial pneumonia: post hoc analysis of a prospective and multicenter cohort study — **PA836**
Noriyuki Enomoto (Hamamatsu, Japan), Shusuke Yazawa, Yasutaka Mochizuka, Shogo Nakai, Suguru Kojima, Keisuke Morikawa, Shogo Nakamura, Ryoma Yamashita, Yusuke Inoue, Hideki Yasui, Masato Karayama, Yuzo Suzuki, Hironao Hozumi, Kazuki Furuhashi, Mikio Toyoshima, Masato Kono, Shiro Imokawa, Masato Fujii, Taisuke Akamatsu, Naoki Koshimizu, Koshi Yokomura, Hiroyuki Matsuda, Yusuke Kaida, Masahiro Shirai, Yutaro Nakamura, Kazutaka Mori, Masafumi Masuda, Tomoyuki Fujisawa, Naoki Inui, Hiroaki Sugiura, Hiromitsu Sumikawa, Masashi Kitani, Kazuhiro Tabata, Takafumi Suda

Prognostic potential of plasma protein biomarkers in patients with idiopathic pulmonary fibrosis (IPF) — **PA837**
Francesco Bonella (Essen, Germany), Justin M Oldham, Arata Azuma, Klaus B Rohr, Nichiren Pillai, Wibke Stansen, Carina Ittrich, Christian Hesslinger, Toby M Maher

Prognostic value of the fibrogenesis biomarker PRO-C3 in idiopathic pulmonary fibrosis cohorts with different severities and response to antifibrotic therapy — **PA838**
Diana Julie Leeming (Herlev, Denmark), Filipa B Simões, Peder Fredriksen, Nils Hoyer, Thomas Prior, Annika H Hansen, Jannie MB Sand, Morten A Karsdal, Peter Schafer, Elisabeth Bendstrup, Saher B Shaker

Growth differentiation Factor 15 is elevated in IPF and post-severe COVID-19 and is associated with pulmonary pathology — **PA839**
Lavanya Raman (London, United Kingdom), Blerina Ahmetaj-Shala, Hime Gashaw, Matthew Rickman, Aran Singanayagam, Anand Shah, Anna Reed, Peter Kelleher, Anand Devaraj, Sujal Desai, Jane Mitchell, Peter George

Evaluation of the prognostic value of serum biomarkers in Idiopathic Pulmonary Fibrosis: EME-TIPAC Randomised Trial. — **PA840**
Shyun Ping Tiong (Norwich, United Kingdom), Allan Clark, Susan Stirling, Amer Rana, Damon Bevan, Charaka Hadinnapola, Andrew Wilson

EVALUATION OF NEUTROPHIL-TO-LYMPHOCYTE RATIO AND SYSTEMIC IMMUNE-INFLAMMATORY INDEX AS BIOMARKERS IN INTERSTITIAL LUNG DISEASES — **PA841**
Zehra Dilek Kanmaz (Istanbul, Türkiye), Ataa Ummuhan Ebrahim, Tuğba Mandal Zirek, Merve Bayrak

Protocol for the Short-Term and Long-Term Effects of Inspiratory Muscle Training in Patients with Idiopathic Pulmonary Fibrosis — **PA842**
Hirotsugu Ohkubo (Nagoya, Japan), Akihito Okada, Yoshitsugu Inoue, Kohei Fujita, Hiroaki Nakagawa, Tomohiro Handa, Naozumi Hashimoto, Akiko Nakano

Paradigm Shift in Interstitial Lung Disease Taxonomy: Real-world Reclassification Under the 2025 ERS/ATS Framework in a Large Single-center Multidisciplinary Cohort — **PA843**
Shiyao Wang (Beijing, China), Bingbing Xie, Jing Geng, Sa Luo, Xuan He, Dingyuan Jiang, Jiarui He, Yinan Hu, Lili Zhu, Guowu Zhou, Min Liu, Ling Zhao, Sizhao Li, Yanhong Ren, Huaping Dai

PS-35 Session 71 08:00 - 09:30

Poster session: What's new in pulmonary fibrosis?

Disease(s) : Interstitial lung diseases Thoracic oncology

Method(s) : Epidemiology General respiratory patient care Imaging Pulmonary function testing Transplantation Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Barbara Ruaro (Trieste, Italy), Quentin Philippot (Paris, France), Katarzyna Górska (Warsaw, Poland)

Late Breaking Abstract - Evaluation of a screening strategy for interstitial lung disease in rheumatoid arthritis Helena Borrell Paños (Barcelona, Spain), Maria López-Lasanta, Luis Alexander Del Carpio Bellido Vargas, Andrea Pluma Sanjurjo, Hugo Avalos Bogado, Natalia Nogué Serra, Adriana Jackeline Caberar Capelo, Carlos Jorge Alcaraz Lopez, Xabier Michelena Vegas, Ernesto Trallero Araguas, Sara Marsal Barril	**PA844**
The efficacy and safety of ruxolitinib plus corticosteroids versus corticosteroids for patients with severe checkpoint inhibitor pneumonitis: a Multicenter, Open-Label, Randomised Controlled Phase 2 Trial Xiaoxing Gao (Beijing, China), Yan Xu, Chen Wei, Zhimin Zeng, Junzhen Gao, Xiaoling Yang, Xiaoyan Liu, Qing Zhou, Xiaoyan Si, Ruxuan Chen, Hanping Wang, Jing Zhao, Minjiang Chen, Wei Zhong, Junping Zhang, Anwen Liu, Xuan Su, Meiling Wang, Huiru Xu, Hui Huang, Mengzhao Wang	**PA845**
A Phase II, Randomized, Double-blind, Placebo-controlled Trial of Pluripotent Stem Cell-Derived Mesenchymal Stem Cells (CAStem Cells) Injection in the Treatment of Acute Exacerbation of Interstitial Lung Disease (AE-ILD) Huaping Dai (Beijing, China), Shi Shu, Juan Chen, Junling Yang, Qun Luo, Huilan Zhang, Mengshu Cao, Guojun Zhang, Fangyan Chen, Yi Jia, Shaobing Wang	**PA846**
Radiological-functional discordance in SSc-ILD: functional impairment as primary mortality predictor Joana Sofia Pereira De Magalhães Ferreira (Porto, Portugal), Bárbara Esteves, André Terras Alexandre, David Coelho, Patrícia Mota, Hélder Bastos, António Morais, Natália Melo	**PA847**
Telomere shortening is associated with quantitative CT reticulovascular burden and mortality in fibrotic ILD Ayodeji Adegunsoye (Chicago, United States), Christian Rennison-Jones, Lydia Chelala, Jonathan Chung, Cathryn Lee, Iazsmin Ventura, Wassim Bou-Zeid, George Harston, Claire Fernandez, Olivier Joly, Mary Strek, Anand Devaraj, Peter George	**PA848**
Prevalence and clinical outcomes of fibrotic interstitial lung disease in a cohort of patients affected by antineutrophil cytoplasmic antibody associated vasculitis: A single-center, retrospective, observational study. Claudio Tirelli (Vaiano Cremasco (CR), Italy), Sabrina Mira, Tommaso Schioppo, Sara Mirijaj, Marta Italia, Francesca Pescol, Simone Frizzarin, Cristina Albrici, Fausta Alfano, Lucia Sacchi, Gian Marco Podda, Mario Gennaro Cozzolino, Michele Mondoni	**PA849**
Honeycombing Burden at Acute Presentation Independently Predicts Mortality in Acute Exacerbations of Interstitial Lung Disease: A Quantitative CT Analysis JUAN JOSE ZAPATA HUIZI (Barcelona, Spain), Mariasol Martínez-Carranz, Juan Pablo Orozco-Zapata, Ignacio Español-Montero, Joel Francesqui, Sandra Cuerpo, Mariana Benegas, Xavi Alsina, Nancy Pérez, Alejandro Frino, Núria Albacar, Jeisson Osorio, Jorge Moíses, Néstor Soler, Pilar Martínez, Rosanel Amaro, Fernanda Hernández-González, Marcelo Sánchez, Jacobo Sellares	**PA850**
Diagnostic concordance before and after multidisciplinary discussion in interstitial lung diseases Syrine Daoud (Tunis, Tunisia), Hana Blibech, Donia Belkhir, Line Kaabi, Kaies Nouira, Sameh Belhaj, Nadia Mehiri, Basma Dhahri, Maryem Sellami, Aida Ayadi, Adel Merghli, Houda Snene, Bechir Louzir	**PA851**
Nerandomilast in patients with fibrosing ILDs at risk of developing progressive pulmonary fibrosis (PPF): design of the FIBRONEER-ACT trial Justin M Oldham (Ann Arbor, Michigan, United States), Catharina C. Moor, Ayodeji Adegunsoye, Jürgen Behr, Bruno Crestani, Steve Jones, Dolly Kervitsky, Gouri Koduri, Yasuhiro Kondoh, Fengming Luo, Chad A Newton, Jeffrey A Sparks, Natalia Korniy-Ludwig, Kristine Meyer, Susanne Stowasser, Donald F Zoz, Athol U Wells	**PA852**
Pre-admission Frailty and Code Status Decisions in Acute Exacerbation of Interstitial Lung Disease NAOTO TANAKA (Kobe, Japan), Ryo Tachikawa, Masataka Hirai, Takayasu Sugiyama, Hiro Ikeda, Keisuke Tomii	**PA853**
Evaluating the clinical relevance of laboratory monitoring in cyclophosphamide therapy in ILD; a retrospective analysis of a cohort Lian Trapman (Nieuwgein, Netherlands), Esther van Pijkeren, Bekir Karakaya	**PA854**
Clinical and Diagnostic Characterization of the NSIP with OP HRCT Pattern in the PROMISE ILD Registry Atsushi Miyamoto (Tokyo, Japan), Taiki Furukawa, Yasuhiro Kondoh, Hironao Hozumi, Takeshi Johkoh, Ryoko Egashira, Takashi Ogura, Kiminori Fujimoto, Tae Iwasawa, Hiroaki Sugiura, Shintaro Oyama, Kensuke Kataoka, Masataka Kuwana, Yasunari Miyazaki, Masashi Bando, Hiromi Tomioka, Naozumi Hashimoto, Dai Hashimoto, Hiroshi Yamamoto, Yasuhiko Koga, Yasushi Makino, Keishi Sugino, Haruyuki Ishii, Takafumi Suda, Makoto Ishii	**PA855**

Lung Transplantation in anti-MDA5 dermatomyositis patients with rapidly progressive interstitial lung disease: French experience **PA856**
Mathilde Phillips Houlbracq (Suresnes, France), Yürdagul Uzunan, Mathilde Neuville, Guillaume Tachon, Vincent Bunel, Elodie Blanchard, Sandrine Hirschi, Jérôme Le Pavec, Mathieu Glorion, Virginie Dumanz-Nizard, Jonathan Messika, Charles Cerf, Yves Allenbach, Antoine Roux, Foch Foch Lung Transplant Program

Comprehensive Observational Multicentric Prospective Assessment of the Status and Spectrum of Interstitial Lung Diseases (COMPASS-ILD): Mapping the Clinical Geography of ILD in Mumbai, India **PA857**
Avya Bansal (Mumbai (Maharashtra), India), Alpa Dalal, Salil Bendre, Samir Garde, Satya Prakash Rai, Swami Pawar, Varsha Bagul, Sunila Jaggi, Bhavin Jankharia

Anti MDA5 antibody-associated rapidly progressive interstitial lung disease: A Middle eastern cohort study **PA858**
Mousa Hussein (Doha, Qatar), Muhammad Bilal Jamshaid, Eman Satti, Ibrahim Abdulmomen, Omar Alsaed, Basem Awadh, Priyanka Cackamvalli, Seham Alebbi, Samar Al Emadi

Bronchoalveolar lavage and interstitial lung disease: Beyond the etiological workup **PA859**
Siwar Rejeb (tunis, Tunisia), Zaibi Haifa, Maroua Abbassi, Ben Jemia Emna, Naaroura Ameni, Ouertani Hend, Rejeb Siwar, Ben Amar Jihen

Clinical and demographical characterization of patients with immunotherapy-related interstitial disease (IR-ILD) in a Belgian lung cancer cohort. **PA860**
Joey Schyns (Liège, Belgium), Hadrien Gillet, Maureen Cambier, Claire Remacle, Barbara Polese, Anne Sibille, Ingrid Struman, Julien Guiot

Prevention of acute exacerbations in interstitial lung disease during lung cancer treatment: a narrative comprehensive review **PA861**
Amanda R. van Buul (Leiden, Netherlands), Paula Schriek, Vera Schuitema, Laurie Steinbusch, Lauran Stöger, Suzan Nijman, Viresh Jagesar, Miranda Geelhoed, Maria J. Overbeek, Maarten K. Ninaber

Role of minor salivary gland biopsy in diagnosing Sjögren's syndrome during ILD workup **PA862**
Houda Snène (Tunis, Tunisia), Ahmed Saidi, Imen Alioua, Donia Chebbi, Lyn Kaabi, Donia Belkhir, Sameh Belhadj, Jalloul Daghfous, Nadia Mehiri, Maya Abdallah, Hana Blibech, Bechir Louzir

Late Breaking Abstract - Sustained Pulmonary Exposure of a Once-Weekly Inhaled Nintedanib Formulation Demonstrates Robust Antifibrotic Activity in a Therapeutic Pulmonary Fibrosis Model **PA863**
Angel Lee (Taipei, Taiwan), Yi-Fong Lin, Meirong Xie

PS-36 Session 72 08:00 - 09:30

Poster session: Translational research in pulmonary fibrosis

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Imaging Pulmonary function testing Physiology Public health General respiratory patient care

Tag(s) : Translational

Chairs : Tiago Alfaro (Coimbra, Portugal), Laurence Pearmain (Manchester (Greater Manchester), United Kingdom), Katerina Antoniou (Heraklion, Greece)

Late Breaking Abstract - Discovery of an MMP7-driven CTGF proteolytic switch as a new therapeutic intervention in IPF **PA864**
Muriel Lizé (Ulm, Germany), Maria Myzithras, Fidel Ramirez, Ryan Sheehan, Priyanka Gupta, Julia Sauer, Heiko Stahl, Devon Strein, Irina Shalashova, Cynthia Kenny, Sophia Reindl, Kyle L. Flannigan, Enric Mila Vilalta, Andreas-David Brunner, Lars Dittus, Verena Brauchle, Silvia Frey, Carmen Lerner, Michèl Prizbilla, Nathalie Strang, Jennifer Schuett, Lorraine E. Owaid, Heiko Olbrich, Benjamin Strobel, Stephan Klee, Sarah Holtrup, Juliane Wannemacher, Stefan Hörer, John E. McDonough, Mark Philipp Kühnel, Shawn Anderson, Tammy Bigwarfe, Martin Kolb, Rachel Kroe-Barrett, Matthew J. Thomas, Mark Jones, Danny Jonigk, Wioletta Skronska-Wasek

Combining bulk and single-cell transcriptomics with Mendelian randomization to investigate the mechanism of glycosylation-related biomarkers in idiopathic pulmonary fibrosis **PA865**
QIAN ZHANG (BEIJING, China), Xi Zhan, Zuojun Xu

Evaluation of the antifibrotic effects of db-cAMP in pulmonary fibrosis **PA866**
Esmeralda Vásquez Pacheco (GIEßEN, Germany), Afshin Noori, Andreas Günther, Arun Lingampally, Saverio Bellusci

Monocytes-mediated diffuse alveolar capillary damage determines the end-stage of MDA5+ dermatomyositis-associated interstitial lung disease **PA867**
Bingxuan Hu (shanghai, China), Jialin Tang, Yang Wang, Shenghui Li, Xiucheng Liu, Chang Chen

From influenza to fibrosis: severe influenza pneumonia leads to persistent lung lesions and fibrotic remodeling in a mouse model Lauren Michiels (Leuven, Belgium), Anne-Sophie Dasseville, Fabio Beretta, Kaveh Ahookhosh, Flore Belmans, Lander De Herdt, Montserrat Coll Llado, Laura Seldeslachts, Jim Swoger, Nicolas Beziere, Lieve Naesens, Pedro Elias Marques, Greetje Vande Velde	**PA868**
Mechanotransduction measurements in fibrotic human precision-cut lung slices to reveal drug-induced tissue softening mechanisms Sebastian Konzok (Hannover, Germany), Lena Willmer, Jae Hun Kim, Kevin Schmidt, Lavinia Neubert, Christopher Werlein, Patrick Zardo, Sirine Bellou, Briana Peterson, Katherina Sewald, Ramaswamy Krishnan, Christina Hesse	**PA869**
Dissecting the mechanistic role of Tim-3 mediating macrophage polarization through stat3 signaling pathways in the pathogenesis of lung fibrosis Jinkun Hou (Beijing, China), Huaping Dai, Chen Wang	**PA870**
Targeting Tim-3-high macrophages alleviates silicosis-associated pulmonary fibrosis by dismantling a pathological oxidative stress program Jinkun Hou (Beijing, China), Huaping Dai, Chen Wang	**PA871**
Matrix metalloproteinase activity patterns as biomarkers in pulmonary fibrosis progression Oksana Karasova (Dnipro, Ukraine), Viktoria Rodionova, Hanna Karasova, Lubov Moiseeva, Julia Suprunenko, Olena Khmel, Yesenia Tarasova	**PA872**
Transforming growth factor (TGF)-β isoform-specific signalling and inhibition in dermal and lung fibroblasts in systemic sclerosis Raveen Badyal (Vancouver, Canada), Brandon Kohlen, Kevin J. Keen, James V. Dunne, Tillie-Louise Hackett	**PA873**
Blood proteome differences in Pigeon Fanciers with clinically suspected ILD may provide insights into the evolution of Hypersensitivity Pneumonitis Mark Spears (Perth, United Kingdom), Dan Lane, Leong Ng, Donald Jones, Yuan Ji, Richard Allen, Olivia Leavy, Beatriz Guillen-Guio, Charles McSharry, William Henderson, Stephen Bourke, Bibek Gooptu, Louise Wain	**PA874**
Network pharmacology-based analysis reveals that Prim-O-Glucosylcimifugin alleviates silica particle-induced pulmonary inflammation and fibrosis by inhibiting the PI3K/AKT signaling pathway Zhiheng Huang (Guilin City, China), Bo Xiao, Dong Yao, Biwen Mo	**PA875**
Machine Learning–Derived Phenotypes reveal fibrotic progression in Bronchiolocentric Interstitial Fibrosis Alexandre Todorovic Fabro (Botucatu, Brazil), Andrea Jazel Rodríguez Herrera, Sabrina Setembre Batah, Danilo Tadao Wada, Marcel Koenigkam Santos, Tales Rubens de Nadai, Andrea Antunes Cetlin	**PA876**
Correlation between HRCT patterns and histopathological diagnosis in interstitial lung diseases Syrine Daoud (Tunis, Tunisia), Donia Belkhir, Hana Blibech, Line Kaabi, Nadia Mehiri, Kaies Nouira, Sameh Belhaj, Mariem Mjid, Islem Mejri, Aida Ayadi, Adel Merghli, Basma Dhahri, Houda Snene, Bechir Louzir	**PA878**
Integrated predictive modeling for fibrotic progression in fibrosing interstitial lung diseases Andrea Jazel Rodríguez Herrera (Ribeirão Preto, Brazil), Sabrina Setembre Batah, Danilo Tadao Wada, Marcel Koenigkam Santos, Tales Rubens de Nadai, Andrea Antunes Cetlin, Alexandre Todorovic Fabro	**PA879**
Association between longitudinal impulse oscillometry reactance parameters and forced vital capacity in interstitial lung disease Sivakorn Wongwaitayakornkul (Bangkok, Thailand), Chaiyawat Suppasilp, Srisakul Komvichayangyuen, Supattra Khiawwan, Naparat Amornputtisathaporn, Jakkrit Laikitmongkhon, Tananchai Petnak	**PA880**
Late Breaking Abstract - Immunological effects of QPCT/L inhibition in pulmonary fibrosis: Preclinical insights Timo Rossteuscher (Biberach a.d. Riß, Germany), Matthew James Thomas, Stephen Ward, Marc Kästle	**PA881**
Late Breaking Abstract - GTX-11m exerts dual antifibrotic and immunomodulatory effects in human macrophages in vitro Eugenia Ruiz-Canovas (Barcelona, Spain), Consol Farrera, Cristina Fernández-Asensio, Jaume Mercadé	**PA882**
Late Breaking Abstract - LRRC15 is a novel pro-fibrotic mediator upregulated in pulmonary fibrosis and drives fibroblast activation and macrophage reprogramming Xiawei Wei (Chengdu, China), Tianxia Lan, Haiying Que	**PA883**

PS-37 Session 73 08:00 - 09:30

Poster session: Alveolar-filling disorders and autoimmune lung disease

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Imaging Pulmonary function testing Endoscopy and interventional pulmonology Epidemiology

Tag(s) : Basic science, Clinical, Translational

Chairs : Stéphane Jouneau (Rennes Cedex, France), Marissa O'Callaghan (Rotterdam, Netherlands), Hisham Bou Fakhreddine (Beyrouth, Lebanon)

Late Breaking Abstract - Twelve-month landmark analysis identifies post-treatment predictors of long -term survival in granulomatosis with polyangiitis Justyna Fijołek (Warsaw, Poland), Dariusz Gawryluk, Elzbieta Wiatr	**PA884**
Molgramostim improves exercise capacity, distance walked, and duration of exercise in patients with autoimmune pulmonary alveolar proteinosis (aPAP): results from the IMPALA-2 Phase 3 clinical trial Cormac McCarthy (Dublin 4, Ireland), Francesco Bonella, Yoshikazu Inoue, Bruce Trapnell, Tisha Wang, Ali Ataya, Ross Arena, Brian Robnison, Rosanna Fleming, Raymond Pratt, Yasmine Wasfi	**PA885**
Biomarker levels in patients with autoimmune pulmonary alveolar proteinosis (aPAP): results from the IMPALA-2 phase 3 clinical trial Yoshikazu Inoue (Osaka, Japan), Francesco Bonella, Cormac McCarthy, Bruce Trapnell, Tisha Wang, Ali Ataya, Jin Woo Song, Rosanna Fleming, Raymond Pratt, Yasmine Wasfi, Brian Robinson	**PA886**
Clinical and Prognostic Implications of Automated Quantitative Computed Tomography Scores in Pulmonary Alveolar Proteinosis Kyung-Il Han (Guri, Republic of Korea), Taehun Kim, Ji-Young Kang, Pang Yu Teng, Grace Hyun J Kim, Jin Woo Song	**PA887**
GM-CSF Impairment and Infection Risk in Autoimmune Pulmonary Alveolar Proteinosis ying Jiang (Guangzhou, China)	**PA888**
Interstitial lung disease in acid sphingomyelinase deficiency type B before and after olipudase alfa enzyme replacement therapy Maria Clara Maricoto Monteiro (Viseu, Portugal), Carlos Bernardo Saraiva, Tabita Magalhães Maia, João Silva Gomes, Filipa Costa	**PA889**
Radiological characteristics and associations of dendriform pulmonary ossification: a 26-case retrospective series. Sreedevi Rajalingam (London, United Kingdom), Stefano Palazzo, Kate Myall, Lucia Chen, Hasti Robbie, Surinder Birring, Peter Cho	**PA890**
Clinical heterogeneity and progression risk in pulmonary alveolar microlithiasis: a multicenter real-world cohort Göksel Altınışık (Denizli, Türkiye), Orkun Eray Terzi, Nazli Cetin, Goksel Altinişik Ergur, Adil Zamani, Fatma Demirci Ucsular, Inci Gulmez, Habibe Hezer, Emine Serap Yilmaz, Feride Marim, Enver Yalniz, Yelda Varol, Aylin Ozgen Alpaydin, Sureyya Cetin Yilmaz, Nurdan Kokturk, Ozlem Ozdemir Kumbasar, Aslı Alkan, Oguz Karcioglu, Oguz Uzun, Ilknur Basyigit, Derya Kocakaya, Nazli Huma Teke, Sermin Borekci, Ipek Ozmen, Elif Yildirim, Merve Ayik Turk, Aysegul Karalezli, Aycan Yuksel, Ilgım Vardaloglu Koyuncu, Ramazan Eren, Ceren Ilgar Akelma, Ceren Degirmenci, Aysu Sinem Koc, Gulru Polat, Zuleyha Bingol, Serhat Erol, Eylem Sercan Özgur, Burcu Baran	**PA891**
Diagnostic challenges in Lipoid Pneumonia: a systematic review. Francesca Stirpe (Rome, Italy), Elisa Desideri, Teresa Di Carlo, Pierdonato Bruno, Matteo Bonini, Alberto Ricci, Daniel Piamonti	**PA892**
Pulmonary Involvement in Pediatric Patients with Niemann-Pick Disease GAMZEGUL GOZEN BAYRAMOGLU (ANKARA, Türkiye), Ayse Tana Aslan, Tugba Sismanlar Eyuboglu, Tugce Unlu, Leyla Tumer	**PA893**
Volatile organic compounds in exhaled breath as biomarkers for silicosis Paris Papagianis (Clayton, Australia), Simon Royce, Claudia Sim, Ryan Hoy, Joanne McNeill, Alishba John, Nico Voelcker, Jane Bourke	**PA894**
GRI-0621 phase 2a biomarker study in patients with IPF: a safety signal demonstrating favorable tolerability. Helen Parfrey (Cambridge (Cambridgeshire), United Kingdom), Joanna C. Porter, Peter Saunders, Nazia Chaudhuri, Nikhil Hirani, Anjali Crawshaw, Michael Gibbons, Aravind Menon, Stuart Schembri, Vipin Kumar, Marc Hertz, Albert Agro	**PA895**

GRI-0621 Phase 2a biomarker study in patients with IPF using gene expression, immune cell activity and collagen markers supports a repair phenotype with strong anti-fibrotic and pro-resolving effects **PA896**
Marc Hertz (La Jolla, United States), Joanna C. Porter, Helen Parfrey, Peter Saunders, Nazia Chaudhuri, Nikhil Hirani, Anjali Crawshaw, Michael Gibbons, Aravind Menon, Stuart Schembri, Albert Agro, Vipin Kumar

GRI-0621 phase 2a biomarker study in patients with IPF: GRI-0621 has a positive effect on FVC after 12 weeks of treatment **PA897**
Joanna Porter (London, United Kingdom), Helen Parfrey, Peter Saunders, Nazia Chaudhuri, Nikhil Hirani, Anjali Crawshaw, Michael Gibbons, Arvind Menon, Stuart Schembri, Vipin Kumar, Marc Hertz, Albert Agro

Chronic pulmonary aspergillosis in patients with interstitial lung disease: clinical characteristics and outcomes **PA898**
Sida Gösterici (İstanbul, Türkiye), Fatma Tokgöz Akyıl, Gülfidan Aras, Gülşah Günlüoğlu, Çiğdem Sabancı, Sevdenur Özer Bilkay, Derya Hırçın Cenger, Özkan Saydam, Erdoğan Çetinkaya

Isoform-specific effects of platelet-derived growth factor (PDGF) signalling on dermal and lung fibroblast functions in systemic sclerosis (SSc) **PA899**
Brandon Kohlen (Vancouver, Canada), Raveen Badyal, Kevin J. Keen, James V. Dunne, Tillie-Louise Hackett

Nintedanib in IPF and progressive SARD-ILD: a multicenter italian real-life experience **PA900**
Loredana Carobene (Verona, Italy), Francesco Pollastri, Matteo Appoloni, Andreina Manfredi, Andrea Faggiano, Marco Sebastiani, Francesca Cozzini, Fabrizio Luppi, Marta Favero, Paola Tomietto, Paola Conigliaro, Francesco Cavalli, Daniela Iacono, Fabio Perrotta, Claudio Micheletto, Angelo Fassio

Diffuse Idiopathic Pulmonary Neuroendocrine Cell Hyperplasia (DIPNECH): Clinical, Functional and Comorbidity Profile from a Greek Academic Centre **PA901**
Anastasios Palamidas (Egaleo (Athens), Greece), Evangelos Bouros, Demosthenes Bouros

Diffuse idiopathic pulmonary neuroendocrine cell hyperplasia is associated with systemic immune and metabolic dysregulation **PA902**
Julie Worrell (Dublin, Ireland), Helen O'Brien, Kathryn Duvall, Donal O'Malley, Niamh Boyle, Janet McCormack, Atia Batool, Lisha Joshi, Megan McKean, Sarah Forde, Madita Hoevel, Ronan Murray, Michael Keane, Aurelie Fabre, Adam Byrne, Cormac McCarthy

Diagnosing diffuse pulmonary meningotheliomatosis by transbronchial lung cryobiopsy: report of two cases **PA903**
Anna Lindahl (Helsinki, Finland), Carmela Melania Garante, Edoardo Cavigli, Camilla Eva Comin, Akter Dilroba, Nicoletta Golfi, Raffaele Scala, Sara Tomassetti

PS-38 Session 74 08:00 - 09:30

Poster session: Treatment of pulmonary arterial hypertension: assessing and monitoring treatment response

Disease(s) : Pulmonary vascular diseases

Method(s) : General respiratory patient care Physiology Epidemiology Public health Pulmonary function testing Cell and molecular biology Imaging

Tag(s) : Clinical

Chairs : Sean Gaine (Dublin, Ireland), Stéphanie Saxer (St. Gallen, Switzerland), Luai Khalaili (Haifa, Israel)

Late Breaking Abstract - Effects of seralutinib on pulmonary vascular remodeling assessed by quantitative CT: A randomized, double-blind, placebo-controlled imaging substudy of the phase 3 PROSERA trial **PA904**
Farbod Rahaghi (Los Angeles, United States), Robin Osterhout, Sandeep Sahay, Raymond L. Benza, Richard N. Channick, Kelly M. Chin, Jan De Backer, Robert P. Frantz, Hossein-Ardeschir Ghofrani, Laurent Godinas, Anna R. Hemnes, Luke S. Howard, Ben R. Lavon, Vallerie V. McLaughlin, Gisela Meyer, Raúl San José Estépar, Olivier Sitbon, Namita Sood, Jean-Luc Vachiéry, Ronald L. Zolty, Robert F. Roscigno, Thao Duong-Verlé, Rainer Zimmermann, Jean-Marie Bruey, Lawrence S. Zisman, Roham T. Zamanian

Age matters: treatment response and safety of targeted pharmacotherapy in pulmonary arterial hypertension **PA905**
Mira Kramer (Ulm, Germany), Martin Hellmich, Tilmann Kramer

Association of higher doses of sildenafil and survival in pulmonary arterial hypertension **PA906**
Yuri de Deus MontAlverne Parente (São Paulo (SP), Brazil), William Salibe-Filho, Edna Oliveira Silva, Gabriella Gomes Carvalho, Nathalia Zorze Rosseto, Felipe Marquesini Sanches, Isabela Schoenacker Cauzzo, Jose Leonidas Alves-Jr, Caio Julio Cesar Fernandes, Carlos Viana Poyares Jardim, Rogerio Souza

Comparison of sildenafil and tadalafil in pulmonary arterial hypertension: A retrospective, propensity score matched analysis Mohammad Abdulelah (Baltimore, United States), Eric W Robbins, Patton Adderley, Steven J Cassady	**PA907**
COMPERA 2.0 risk assessment of treprostinil palmitil inhalation powder (TPIP) for pulmonary arterial hypertension (PAH): a post hoc analysis of a phase 2 study Jean-Luc Vachiery (Bruxelles, Belgium), Louis Holdstock, Jia Li, Zhaoyu Yin, Gerald O'Brien, Raymond Benza	**PA908**
Causes of death in pulmonary hypertension over time in a single-center cohort in the United Kingdom Laurence d'Amours (Québec, Canada), Antonios Revythis, Ifti Akbar, John Cannon, Joanna Pepke-Zaba, Karen Sheares, Dolores Taboada Buasso, Mark Toshner, Katherine Bunclark	**PA909**
ARTISAN interim analysis: early high-dose treprostinil reduces mPAP and improves pulmonary arterial hypertension risk profile Carmine Dario Vizza (Roma (RM), Italy), Raymond Benza, Kelly Chin, Irene Lang, Hiromi Matsubara, Robert Naeije, Aaron Waxman, Gil Golden, Yan Liu, Tsai-Yu Lo, Kaitlyn Paxton, Franck Rahaghi, R James White	**PA910**
Treatment-related changes in segmental right ventricular strain and RV-PA coupling assessed by cardiac MRI in pulmonary hypertension David Sorel (Nancy, France), Freddy Odille, Anne Guillaumot, Bruno Ribeiro Baptista, Damien Mandry, Laura Filippetti, Nathalie Pace, François Chabot, Ari Chaouat, Simon Valentin	**PA911**
Triple therapy and incident status outweigh the obesity paradox in pulmonary arterial hypertension survival Eloara Vm Ferreira (São Paulo (SP), Brazil), Joice Luiza Cavoli da Silva, Luana Seibold, Ana Paula Oliveira, Amanda Batista, Lizandra Mesquita, Ivana Andrade, Priscila Sperandio, Jaquelina Ota-Arakaki, Rudolf Oliveira, Eloara Campos	**PA912**
Evaluation of medication adherence and influencing factors in patients with pulmonary hypertension: A prospective study using MARS-5 and BMQ Scales Yahya Abdulrahman (Gaziantep, Türkiye), Huseyin Arikan	**PA913**
Targeted genetic profiling of PAH-predisposing genes and exploratory seralutinib response by genotype in the phase 3 PROSERA study David Montani (Le Kremlin-Bicêtre, France), Robin Osterhout, Florence Coulet, Raymond L. Benza, Richard N. Channick, Kelly M. Chin, Robert P. Frantz, Hossein-Ardeschir Ghofrani, Luke S. Howard, Vallerie V. McLaughlin, Gisela Meyer, Olivier Sitbon, Jean-Luc Vachiéry, Roham T. Zamanian, Robert F. Roscigno, Jean-Marie Bruey, Anna R. Hemnes	**PA914**
Severe Pulmonary Hypertension Management Across Europe (PHAROS) – Evolution and Expertise Paula Appenzeller (Cambridge, United Kingdom), Hakim Ghani, Gergely Meszaros, Marc Humbert, Petra Pennekamp, Adam Torbicki, Olivier Sitbon, Silvia Ulrich, Tof Wagner, Inés María Alonso, Patricia Palomera Rufo, Marion Delcroix, Joanna Pepke-Zaba	**PA915**
Renal function and outcomes in pulmonary arterial hypertension: a French Pulmonary Hypertension Registry study Andrei Neagu (Bucureşti, Romania), Andrei Seferian, Xavier Jaïs, Mitja Jevnikar, Antoine Beauvais, Audrey Baron, Ari Chaouat, Bruno Degano, Delphine Horeau-Langlard, Nicolas Lamblin, Arnaud Maurac, Grégoire Prévot, Vincent Cottin, Laurent Savale, Marc Humbert, Olivier Sitbon, David Montani, Athénaïs Boucly	**PA916**
Forecasting six-minute walk distance response in pulmonary arterial hypertension using machine learning Mira Kramer (Ulm, Germany), Tilmann Kramer	**PA917**
Continuous intravenous Treprostinil in advanced pulmonary arterial hypertension: Experiences from a single-centre long-term registry Thomas Melzer (München, Germany), Andrea Waelde, Antje Lossin, Paola Arnold, Katrin Milger-Kneidinger, Jürgen Behr, Michaela Barnikel	**PA918**
The acute effects of treprostinil dry powder inhaler on stroke volume augmentation and dead space ventilation in patients with exercise-induced pulmonary hypertension Matthew Rockstrom (San Diego, United States), Jenny Yang, Monica Ly, Paola Martinez Ceren, Timothy Morris, Timothy Fernandes	**PA919**
Reverse remodeling of the right heart in patients with pulmonary arterial hypertension: a predictor of mortality at three years of follow-up Javier marcelo Iriarte vasquez (Capital federal, Argentina), Paula Kaplan, Nicolás D'Amelio, Javier Iriarte Vásquez, Germán Souto, Andrés Dini, Cristiano Sturmer Ramos, Martín Sívori, Justo Carbajales	**PA920**

Anti-remodelling effects of formyl peptide receptor agonism in a novel precision-cut lung slice model of pulmonary arterial hypertension **PA921**
William Robert Studley (Clayton, Australia), Jack Pritchard, Helena Qin, Jane Bourke

Machine Learning–Based Prediction of Longitudinal NT-proBNP Changes in Pulmonary Arterial Hypertension **PA922**
Mira Kramer (Ulm, Germany), Tilmann Kramer

Unmasking Hypoxaemia in Pulmonary Arterial Hypertension: Standardised Capillary Oxygen Tension and Carbon Dioxide as Markers of Treatment Response and Prognosis **PA923**
Mira Kramer (Ulm, Germany), Tilmann Kramer, Ulrich Limper, Martin Hellmich

PS-39 Session 75 08:00 - 09:30

Poster session: Pulmonary embolism poster session: selected high-impact abstracts

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care Public health Cell and molecular biology Physiology Imaging Endoscopy and interventional pulmonology Pulmonary function testing

Tag(s) : Clinical

Chairs : Francis Couturaud (Brest, France), Ana Gómez Ortiz (SEVILLA, Spain), Olivier Sanchez (Paris, France)

Prevalence of Thromboembolic Events in Patients with Amyotrophic Lateral Sclerosis (ALS): A 15-Year Multidisciplinary Cohort. **PA924**
Carlos Andres Vallejo Lucas (Barcelona, Spain), Ana Balañá, Diego Rodríguez, Carolina Panadero, Grethsel Villaroel, Ramon Camps, Paul Llamoja, Juana Martínez

Diagnostic value of the pulmonary vein sign in subsegmental pulmonary embolism **PA925**
Tahsin Yahsi (Ankara, Türkiye), Cigdem Biber

Pre-infection antithrombotic exposure and COVID-19 severity: a vascularly enriched case series **PA926**
Željko Ivančević (Split, Croatia), Ivan Ivančević

A Retrospective Audit of CT Pulmonary Angiography Orders For Suspected Pulmonary Embolisms at Letterkenny University Hospital as Compared to Royal College of Radiologists (RCR) Guidelines. **PA927**
Antoinette Doherty (Letterkenny (Co. Donegal), Ireland), Aftab Ahmad, Deirdre McCourt, Mathew Rajan, Maria Khan, Oche Igoche

Patients with pulmonary embolism after acute intracranial hemorrhage: a real-world study **PA928**
Xiaohui Wang (Chongqing, China), Qiyan Cai, Yifan Zhao, Hong Chen

Ventilatory inefficiency and impaired quality of life after pulmonary embolism: a CPET comparison study **PA929**
Galina Sorici (Chișinău, Republic of Moldova), Galina Sorici, Victoria Carauș, Ana Plugaru, Igor Ivanes, Anastasia Ivanes, Tatiana Cernica, Irina Cîvîrjic, Aurel Grosu, Nadejda Diaconu

AI-enabled VTE prevention and conflicting understandings among healthcare providers: a nationwide qualitative study **PA930**
yunfan shi (Beijing, China), Zhaofei Chen

Specialty Based Variations in the Clinical Use and Interpretation of Genetic Thrombosis Panels **PA931**
Mehmet Oruç (İstanbul, Türkiye), İpek Calik, Levent Arafat, Gözde Özsoy Şen, Tuna Türkkolu, Melike Makul, Verda Pay, Gizem Gürsoy, İstemi Serin, Ayşe Bahadır

Establishing a Pulmonary Embolism Response Team (PERT): service growth and escalation patterns over 2.2 years **PA932**
Mohammed Awadalla (Plymouth, United Kingdom), Archie Morozow, Andrew Savill, Philip Hughes, Paul Jenkins, Julian Lentaigne

Impact of Establishing a Pulmonary Embolism Multidisciplinary team on Pulmonary Embolism Follow-Up **PA933**
Asjad Ahmed Eitezaz (Walsall, United Kingdom), Tayyab Waseem, Hafiz Salman Sabri, Waseem Aslam, Lucia Finan, Maleeha Chowdhury, Yehimy Rojas-Fuentes, Precious Ogie, Sannaan Irshad, Muhammad Badar Ganaie, Muhammad Iqbal

Impact of Pulmonary Embolism Multidisciplinary Team on Cost-Effectiveness of Pulmonary Embolism Follow-Up **PA934**
Asjad Ahmed Eitezaz (Walsall, United Kingdom), Hafiz Salman Sabri, Tayyab Waseem, Waseem Aslam, Lucia Finan, Maleeha Chowdhury, Yehimy Rojas-Fuentes, Precious Ogie, Sannaan Irshad, Muhammad Badar Ganaie, Muhammad Iqbal

Catheter-Directed Pulmonary Reperfusion in Treatment of Intermediate and High-Risk Pulmonary Embolism Patients and Its Impact on Pulmonary Artery Pressure — **PA935**
Mohamed Mostafa Metwally (Assiut, Egypt), Olfat El-Shenawy, Ayman K.M. Hassan, Arafa Aboelhassan, Aliaa Salama

Clinical outcomes of catheter-directed treatment in intermediate-high-risk pulmonary embolism — **PA936**
Deimante Hoppenot (Kaunas, Lithuania), Ieva Dimiene, Rytis Kaupas, Andrius Pranculis, Egle Belousoviene, Tomas Tamosuitis, Rasa Ordiene, Giedre Baksyte, Andrius Macas, Kestutis Stasaitis, Lina Padervinskiene, Skaidrius Miliauskas

Reperfusion Strategies for Intermediate-Risk Pulmonary Embolism: Bayesian Network Meta-Analysis of Randomized Controlled Trials — **PA937**
Shankar Biswas (Ivano-Frankivsk, Ukraine), Yashasvi Srivastava, Ayman Hamadttu, Anagha Shankar, Lester Thomas D Costa

Mechanical thrombectomy as escalation therapy for acute pulmonary embolism when thrombolysis is undesired: updated single-centre study — **PA938**
Andreas Hoheisel (Freiburg, Germany), Maxime Ablefoni, Matthias Vogtmann, Gerhard Hoheisel, Björn Christian Frye, Daiana Stolz, Michael Moche

Clinical course and radiological outcomes of pulmonary artery thrombosis in Behcet's Diseases: A comparative study with non-Behcet's Disease pulmonary thrombosis — **PA939**
Derya Kocakaya (İstanbul, Türkiye), Aida Shikhaliyeva, Özlem Demircioglu, Halime Mualla Vatansever, Kerem Abacar, Alida Aliyeva, Tulin Ergun, Haner Direskeneli, Fatma Alibaz-Oner

Implementation of a Pulmonary Embolism Response Team (PERT) at Hospital of Lithuanian University of Health Sciences Kaunas Clinics: structure, clinical pathways, and early experience — **PA940**
Deimante Hoppenot (Kaunas, Lithuania), Ieva Dimienė, Giedre Gureviciene, Andrius Macas, Egle Belousoviene, Lina Padervinskiene, Rytis Kaupas, Andrius Pranculis, Rasa Ordiene, Giedre Baksyte, Tomas Tamosuitis, Kestutis Stasaitis, Skaidrius Miliauskas

Initial Impact of a Multidisciplinary Pulmonary Embolism Response Team on Patients with Intermediate- to High-Risk Pulmonary Embolism — **PA941**
Jose Gregorio Gonzalez Garcia (Barcelona, Spain), Jose Maria Mora Lujan, Paul Alejandro Llamoja Nunez, Patrick Hurley Barahona, Jose Carreras Mora, Purificación Perez Teran, Nuria Ribas Barquet, Anna Herranz, Lucia Picazo Moreno, Meritxell Mellado Joan, Flavio Zuccarino, Carmen Jiménez Martinez, Karys Khilzi, Jaime Rodriguez Morera, Maria Teresa Castillo Vico, Silvia Bermejo Martinez, Laura Visa Turmo, Ramon Adalia Bartolome, Joan Ramon Masclans Enviz, Diego Rodriguez Chiaradia

Catheter-directed therapy for pulmonary embolism: A 6-Year experience in a tertiary center — **PA942**
Julien Lopes (Lisboa, Portugal), Daniela Pinheiro, Mariana Coelho, Bárbara Teixeira, André Grazina, João Reis, Pedro Costa, Ana Galrinho, Melanie Ferreira, Pedro Coelho, Rui Ferreira, Luís Morais

PS-4 Session 76 08:00 - 09:30

Poster session: From innovation to implementation: digital transformation of respiratory care pathways and trials

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Interstitial lung diseases

Method(s) : General respiratory patient care | Epidemiology | Public health | Pulmonary rehabilitation | Physiology | Respiratory intensive care | Pulmonary function testing

Tag(s) : Clinical, Digital health

Chairs : Richard Costello (Dublin 9, Ireland), Joren Buekers (Barcelona, Spain), Guinevere Dy Agra (Quezon CIty, Philippines)

Late Breaking Abstract - Voice analysis as case-finding strategy to detect airflow obstruction: multicenter VOCAL study — **PA943**
Gustavo Henrique Guimarães Araujo (São Carlos, Brazil), Alessandro D Heubel, Nathany S Schafauser-Segundo, Naiara T Leonardi, Fernanda G Pinto, Viviane C Simões, Rodrigo P Simões, João V R Souza, Josenilton da Silva Nascimento, Manuela Karloh, Loes Van Bemmel, Lauren G Reinders, Jhon R Hurst, Sami O Simons, Renata G Mendes

Longitudinal spirometry fingerprinting: Comparison of Spirometry Efforts for Intra-Patient Similarity Analysis in Clinical Trials — **PA944**
Christina Vairelles (Leuven, Belgium), Nikolai Denisov, Paul Desbordes, Todd Lustine, Kevin McCarthy, Carl Mottram, Marko Topalovic

Impact of Digital Breath-Guiding on Inhalation Technique and Drug Deposition — **PA945**
Lea Botermann (Starnberg, Germany), Benjamin Heine, Uwe Schuschnig, Andreas Liebl, Gesa Bräunlich, Daniel Wehner, Carola Fuchs

Can a smart inhaler predict exacerbations of COPD? A pilot study Dumiana Chamaon (Enschede, Netherlands), Marjolein Brusse-Keizer, Anke Lenferink, Sabine Steem, Sanne van Dijk, Wendy van Beurden, Job van der Palen	**PA946**
Real-World Insights on Early PAP Challenges: Evaluating Digital Feedback from the Care Check-In (CCI) tool ANKIT GHILDIYAL (Newcastle Upon Tyne, United Kingdom), Suyog More, Caleb Woodford, Melike Deger	**PA947**
Smartphone spirometry in older adults with chronic airways disease: acceptable recording quality and enhanced engagement with text reminders in a primary care cohort Kalana De SIlva (Northamptonshire, United Kingdom), Bipin Patel, Andy Potter, Garth Cruickshank	**PA948**
A Clinical Delivery Cost Comparison of a Virtual Group Physiotherapy Intervention (ViP-Cough) with Traditional One-to-One Cough Suppression Therapy. Charles C. Reilly (London, United Kingdom), Ellen Shiner, Peter May, Donna Greir, Sarah V. Floyd, Peter S. Cho, Caroline J. Jolley, Surinder Birring	**PA949**
Development of an evidence-based digital care pathway for children requiring tracheostomy (DECIDE-T) Maria Castro Codesal (Edmonton, Canada), Daniel Duke, Terri McNeil, Seigharra Neufeld, Robert Hales, Daniel Ofosu, Kristen Gibson, Stephanie Nitschke, Pam Thomson, Michael van Manen, Cheryl Mack, Karen Kam, Nadia Qureshi	**PA950**
Patient and physician evaluation of digital health decision support tool in COPD care Jeenat Mehareen (Vancouver, Canada), Megan Simmons, Phalgun Joshi, Mohsen Sadatsafavi	**PA951**
Validation Of 28-Day CPAP Compliance Forecasting For Homecare Patients Florian Voigtlaender (Munich, Germany), Yasaman Kakaei Siahkal, Sandra Guedes, Monica Coelho, Olivier Grasset, Jensen Joymangul	**PA952**
Pulmonary telerehabilitation and telemonitoring for patients with Chronic Obstructive Pulmonary Disease: a feasibility study Diana C Sanchez-Ramirez (Winnipeg, Canada), Antonio Sarmento, Lea Soliman, Renata Mancopes, Sylvia Chiemelie	**PA953**
A family-centered participatory approach to creating tracheostomy decision-support videos Nadia Qureshi (Edmonton, Canada), Joanna Czupryn, Alexis Ludlow, Daniel Ofosu, Kristen Gibson, Stephanie Nitschke, Pam Thomson, Larissa Lecona, Micheal van Manen, Cheryl Mack, Karen Kam, Maria Castro Codesal	**PA954**
Comparison of face-to-face versus telerehabilitation programs for individuals with severe to very severe COPD using low-cost equipment: a pragmatic study Vinicius Iamonti (São Paulo (SP), Brazil), Nicolas A. Camacho, Cibele B. Marques da Silva, Carlos R.R. Carvalho, Celso R.F. Carvalho	**PA955**
Revolutionising respiratory trials and clinical practice: ERS CONNECT CRC online scientific workshop on strategies for digital endpoints and decentralised designs Amy Hai Yan Chan (Auckland, New Zealand), David Drummond, Kjeld Hansen, Isaac Cano, Io Hui, Richard Costello, Yet Khor, Hilary Pinnock, Job F M van Boven	**PA956**
Family-friendly? Testing the usability of e-learning modules for caregivers of children with tracheostomy Nadia Qureshi (Edmonton, Canada), Joanna Czupryn, Alexis Ludlow, Daniel Ofosu, Kristen Gibson, Stephanie Nitschke, Pam Thomson, Michael van Manen, Cheryl Mack, Karen Kam, Maria Castro Codesal	**PA957**
Clinical relevance of interaction and adaptivity in digital asthma self-management interventions: a scoping review Seongwoo Yang (Seoul, Republic of Korea), Min Jung Kim, Ju Hyun Jin, Seng Chan You, Kyung Won Kim	**PA958**
Patterns of Cross-Guideline Navigation in a Digital Medical Platform: A Session-Based Transition Analysis (LEILA Study) Bjoern Frye (Freiburg, Germany), Regina Hanke, Sebastian Fähndrich, Wolfgang Hanke, Thomas Köhnlein, Daiana Stolz, Andreas Hoheisel	**PA959**
Changes in Nocturnal Vital Parameters During the Treatment of Acute Asthma Exacerbations: A Continuous Home Monitoring Study Sanne van Deelen (Rotterdam, Netherlands), AnneLotte Redel, Gerdien Tramper-Stranders, GertJan Braunstahl	**PA960**

Nocturnal digital cough monitoring in people with Cystic Fibrosis and Primary Ciliary Dyskinesia– First results of an international multi-centre observational study **PA961**
Stephanie Thee (Berlin, Germany), Sarah Harnis, Mirjam Stahl, Dörte Huscher, Anna-Maria Dittrich, Sivagurunathan Sutharsan, Pierre-Régis Burgel, Damian Downey, Carola Fuchs, Marcus Mall

Effectiveness of eHealth interventions to support physical activity in children with cardiorespiratory disease: a systematic review **PA962**
Hidde Hardon (Rotterdam, Netherlands), Rebecca Meuldijk, Arend van Deutekom, Marielle Pijnenburg

PS-40 Session 77 08:00 - 09:30

Poster session: Pleural diseases and interventions

Disease(s) : Thoracic oncology Airway diseases Interstitial lung diseases Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology General respiratory patient care Palliative care Imaging Epidemiology Surgery Public health

Tag(s) : Clinical

Chairs : Maged Hassan (Alexandria, Egypt), Mateja Marc Malovrh (Kranj, Slovenia), Maria Angela Vittoria Anna Chiara Licata (L'Aquila, Italy)

Late Breaking Abstract - Learning curve and factors associated with earlier stabilization of EBUS -guided transbronchial mediastinal cryobiopsy: an initial experience **PA963**
Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng

Autologous blood patch in the treatment of persistent air leak: 16 years of experience **PA964**
Ladislav Lacina (Prague, Czech Republic), Lucie Wilsdorf, Pavla Zackova, Liudmila Iakhontova, Ludek Stehlik, Martina Koziar Vasakova

Extrapleural space: Beyond the pleura — A novel CT marker of disease severity in complex pleural collections **PA965**
Muttamsetty Srija (Coimbatore, India), Arjun Srinivasan, Vallandaramam Pattabhiraman, Sivaramakrishnan Mahadevan, Kiruthika Palani

Parapneumonic effusion in hospitalized pneumonia: prevalence, systemic predictors, and hospital burden in the EMAPPLE multicenter study **PA966**
Claudio Sorino (Cantù (COMO), Italy), Daniela Ceriani, Michele Mondoni, Nicola Scichilone, Fabiano Di Marco, Pierachille Santus, Donato Lacedonia, Filippo Lococo, Angelo Corsico, Fulvio Braido, Elisiana Carpagnano, Mario Tamburrini, Claudia Crimi, Federico Mei, Valentina Pinelli, Sara Colella, Alberto Fantin, Alessandro Fois, Dejan Radovanovic, Riccardo Inchingolo, Giuseppe Pepe, Christian Russo, Nicola Malacchini, Chiara Scala, Lorenzo Bodo, Francesco Menzella, Giampietro Marchetti, Sergio Agati, Alessandro Squizzato, Andrea Maresca

Do atmospheric pressure variations trigger spontaneous pneumothorax (SP)? Evidence from a spanish cohort **PA967**
Yanira Chuquimia Mendoza (Leon, Spain), Javier Juan García, Elena Martín Gallego, Brenda Lucia Romero Arguello, Andrea Perez Alvarez, Luis Carazo Fernandez

Pleural fluid lactate to identify complicated parapneumonic effusions: a retrospective single-centre study **PA968**
Juan A. Cascón Hernández (Salamanca, Spain), Ana Martín Varillas, Estela Prieto Maillo, Miguel Iglesias Heras, Laura Gil Pintor, Tamara Clavero Sánchez, Víctor Arganda Roncero, Katherine Mejía Sánchez, Alejandro González Rosa, Patricia Torres Piñero, Sara Rodríguez Tardón, María Corbí Cobo-Losey, Rosa Cordovilla Pérez

Quantifying the environmental impact of pleural procedures: A life cycle assessment (LCA) in a specialized pleural clinic **PA969**
Sebastian Rodriguez Llamazares (Kingston, Ontario, Canada), Qian Zhang, Krish Patel, Christina Liak, Geneviève Digby, Christopher Parker, Christopher Davis, Kim Spearing, Amy Mussel

Comparative diagnostic yield of imprint cytology,brush cytology and histopathology in medical thoracoscopic pleural biopsies:a prospective observational study **PA970**
Varuna Jethani (Dehradun (Uttarakhand), India), Amita Mason, Sushant Khanduri, Rakhee Khanduri, Sumit Garg, Aarti Kotwal, Sumit Jethani

Antimicrobial prophylaxis for medical (local anaesthetic) thoracoscopy: a review of literature **PA971**
Eyna Sadeqa (Redditch, United Kingdom), Abhimanyu Lal, Muhammad Bilal Khan Niazi

Managing purulent empyema with 15 CH drains: a case series supporting expertise-driven care. PA972
Sara Colella (Teramo (TE), Italy), Maria Angela Vittoria Anna Chiara Licata, Michele Morriello, Alessandro Brandimarte, Marco Di Perna, Luigia Dari Salisburgo, Sandro Cinotti, Roberta Di Crecchio, Gian Luca Primomo, Stefano Marinari

COMPARATIVE STUDY TO DETECT THE EFFICACY, SAFETY AND REOCCURENCE OF TALC AND PYODINE PLEURODESIS IN PNEUMOTHORAX AND HYDROPNEUMOTHORAX PA973
Mateen Ahmed Khan (Karachi, Pakistan)

FAST-TRACK SUSPECTED MALIGNANT PLEURAL EFFUSION: EARLIER DIAGNOSIS AND TREATMENT DECISIONS PA974
Oswaldo Antonio Caguana Vélez (Barcelona, Spain), Ana Pardessus Otero, Helio Bona Andrade, Grethsel Villarroel Carranza, Isabel Lara Calvo, Daniel Forne Artigas, Marta Cappuccio Canfailla, Roberto Chalela Rengifo, Albert Sánchez-Font

Real-world outcomes of small-bore pigtail catheters in pleural infection PA975
Carla Margarida Carvalho (Guimarães, Portugal), Inês Brito Gonçalves, Mariana Silva Lima, Pedro Nogueira Costa, Mariana Serino

Improved detection of pneumothorax using dark-field chest radiography PA976
Daniela Pfeiffer (Munich, Germany), Florian Gassert, Henriette Bast, Rafael Schick, Maximilian Lochschmidt, Lennard Kaster, Andreas Sauter, Franz Pfeiffer

USE OF INTRAPLEURAL UROKINASE IN THE TREATMENT OF HEMOTHORAX. OUR EXPERIENCE IN 23 PATIENTS. PA977
Antonio Francisco Honguero Martinez (Albacete, Spain), Marco Vinicio Merino Rueda, Marta Gironés Ballester, María Luisa Morales Serrano, Laura Ratia Muñoz, María Peyró Sánchez, Claudia Rossana Rodriguez Ortega, Marta Genovés Crespo, María Dolores García Jiménez, Pablo León Atance

Diagnostic yield of ultrasound-guided percutaneous biopsy of suspected thoracic malignancies: a single-centre experience PA978
Antonio Maiorano (Castrovillari, Italy), Antonio Sorrentino, Pietro Impellizzeri, Venere Piluso, Damiano Bottone, Maroon Salameh, Corrado Pelaia, Roberto Magri, Gianpietro Marchetti

Evaluation of drainage and closure methods following local anaesthetic thoracoscopy (LAT): a multi-centre analysis of complications and outcomes PA979
Viktoria Oakden (Stoke-on-Trent, United Kingdom), Elizabeth Finn, Yaman Dhary, Hafiz Gulzeb Kamil, Muhammad Hashim Naseer, Anamika Banerjee, Klaudia Figa, Avinash Aujayeb, Raja Reddy, Mohammed Haris

Infectious pleural effusion: real-world experience of small-bore drains and intrapleural urokinase PA980
María de la Fuente (Logroño, Spain), Alba Velasco, María Fernando, Guillermo Loscertales, Carlos Ruíz

Role of blind pleural biopsy in peripheral hospitals: a five-year real-world experience PA981
Ana Teresa Cruz Castelo Grande (Gondomar, Portugal), Pedro Marinho Manso, Nuno de Barros Ferreira, Margarida Narciso de Sousa, Fernando Silva, Laura Simão, Ana Verónica Cardoso, Filipa Lemos e Aguiar

Tailored intrapleural tPA/DNase therapy for pleural infection: A retrospective analysis of outcomes from a dedicated pleural service PA982
Sally Griffiths (Dublin, Ireland), Eimear Foley, Deirdre B Fitzgerald

PS-41 Session 78 08:00 - 09:30

Poster session: Mediastinal diagnostics and staging (endobronchial ultrasound/endoscopic ultrasound)

Disease(s) : Thoracic oncology | Interstitial lung diseases | Airway diseases

Method(s) : Endoscopy and interventional pulmonology | Imaging | Surgery

Tag(s) : Clinical

Chairs : Francesca Conway (London, United Kingdom), Aleš Rozman (Golnik, Slovenia), Elif Naz Sancar (Gumushane, Türkiye)

Elastographic Assessment of Mediastinal Lymph Node Metastasis PA983
Emine bensu Erdemir (Istanbul, Türkiye), Mustafa Erelel, Ulku Durak, Gudrat Badalov, Lala Alili, Halim İssever, Dogu Bakkaloglu, Yasemin Ozluk

Discrimination of N2a and N2b by EBUS-TBNA: Is a needle change necessary?- A Prospective Pilot Study PA984
Yasmin Elias (Wien, Austria), Anastasia Papaporfyriou, Christina Bal, Andreas Renner, Berta Mosleh, Mir Alireza Hoda, Marco Idzko, Daniela Gompelmann

Adequacy for Cytologic Diagnosis and Biomarker Identification in Endobronchial Ultrasound (EBUS) to Endoscopic Ultrasound with Bronchoscope (EUS-b) Intraprocedural Conversion for Respiratory Complications or Intolerance Giulio Trono (Foggia, Italy), Cristiano Matteo Carbonelli, Donato Lacedonia, Andi Sukthi	**PA985**
Factors associated with diagnostic yield of RT-EBUS/TBNA with a particular focus of needle size and lymph node size in computed tomography and endobronchial ultrasound. Kamil Polok (Kraków, Poland), Iwona Gross-Sondej, Jacek Krawczyk, Łukasz Kasper, Marcelina Wilk, Weronika Małagocka-Bogusz, Magdalena Chmielewska, Ewa Krakowiak, Jerzy Soja, Krzysztof Sładek	**PA986**
EUS-B Complications - a Retrospective study from a tertiary cancer centre Ana Rita Gaspar Ribeiro (Portimão, Portugal), Fátima Barbosa, Luís Rodrigues, Paulo Matos, Michele De Santis, Lourdes Barradas	**PA987**
Diagnostic yield of Franseen versus conventional needles during endobronchial ultrasound-guided transbronchial aspiration: a randomized study Sreedev Narayanan (Anakkara (Kerala), India), Ujjwal Parakh, Amit Dhamija, Pooja Bakshi	**PA988**
Linear Endobronchial Ultrasound for Mediastinal Lesions: Diagnostic Yield in Routine Clinical Practice Ana Rodríguez Cabrera (Huelva, Spain), Marta Pérez Ortega, Jaime Dominguez Caro, Alberto González Hernandez, Jesus Lancha Dominguez, Sara González Gutiérrez, Carla Romero D, Myriam Gandulfo Lara, Carmen Sánchez García	**PA989**
Mediastinal staging using robotics – results from the prospective RABBIT study Judith Brock (Heidelberg, Germany), Ulrich Keppler, Birgit Khandanpour, Felix Herth	**PA990**
Diagnostic performance of combined EBUS and EUS-b in centrally located pulmonary masses not accessible by conventional bronchoscopy: A retrospective study from a single-centre in Athens. SPYRIDON PAPANDRIANOS (Athens, Greece), Serafeim Chrysikos, Ioannis Roussis, Konstantinos Papatheodosiou, Maria Anyfanti, Christina Dinidi, Despina Dona, Andreas Matthaiou, Crysavgi Kosti, Ioannis Tomos, Adamantia Liapikou	**PA991**
Late Breaking Abstract - Improved diagnostic yield with combined EBUS-TBNB and EUS-b-FNB in isolated mediastinal lymphadenopathy: a prospective randomised trial Vasileios Papavasileiou (Chaidari, Greece), Stefanos Lampadakis, Vasiliki Athanasopoulou, Myrto Blizou, Elvira-Markela Antonogiannaki, Pavlos Siozos, Kalliopi-Theoni Vandorou, Ilektra Voulgareli, Agni Dounavi, Effrosyni Manali, Vasilios Tzilas, Stelios Loukides, Thomas Raptakis	**PA992**
Endobronchial ultrasonography guided mediastinal cryobiopsy and transbronchial needle aspiration: A comparative analysis of diagnostic yield and sampling efficiency in mediastinal lesions Gersi Alisha (İstanbul, Türkiye), Ilgim Vardaloglu, Kadirhan Gursoy, Buket Selen Sahin, Hazal Cansu Culpan, Ersan Atahan	**PA993**
Clinical utility of cryoEBUS in the management of lymphoproliferative syndromes. Laura Gil Pintor (Salamanca, Spain), Rosa Cordovilla Pérez, Juan Cascón Hernández, Miguel Iglesias Heras, Maribel Botana Rial, Esperanza Salcedo Lobera, Elsie Daviana Meneses Petersen, Beatriz Romero Romero, Blanca De Vega Sánchez, Carlos Disdier Vicente, Paola Antonella Benedetti, Marta Rodríguez González, Juan Alejandro Flores Montero, Felipe Andreo García, Macarena Lovera Picotto	**PA994**
Diagnostic accuracy of EBUS-TBNA in the absence of mediastinal lymphadenopathy in patients with high suspicion of lung disease Giacobbe Marco Giuseppe Ricco (Milano, Italy), Marina Saad, Luca Carsana, Giada Lazzaroni, Juan Camilo Signorello, Valentina Fraccon, Ilaria Cavallotti, Dejan Radovanovic, Pierachille Santus	**PA995**
Ebus-guided transbronchial intranodal cryobiopsy (tbincb) following non-diagnostic transbronchial needle aspiration (tbna) in patients with enlarged mediastinal /hilar lymphnodes – a single center experience Jakob Stübler (Purgstall, Austria), Michael Studnicka, Lukas Denkmayr, Philipp Kaiser-Krug	**PA996**
When EBUS-TBNA Is Not Enough: The Role of EBUS-Guided Mediastinal Cryobiopsy in Lymphoproliferative Disorders Simone Petrarulo (Forlì, Italy), Hari Kishan Gonuguntla, Sze Shyang Kho, Federica Pieri, Alessandra Dubini, Claudio Agostinelli, Belgundi Preeti, Shah Milap, Sara Piciucchi, Claudia Ravaglia, Venerino Poletti	**PA997**
Initial clinical experience with EBUS-TBNA in Mongolia: diagnostic performance and learning curve analysis Davaajav Nyamluvsan (Ulaanbaatar, Mongolia), Ankhbold Gombodorj, Dalai Bayarsaikhan, Tselmeg Tseveendorj, Sodgerel Damdinjav, Battsengel Tsedendamba, Odonchimeg Bayraa	**PA998**

Comparative descriptive analysis of the results of linear endobronchial ultrasound-guided cryobiopsy (cryoEBUS-L) and conventional endobronchial ultrasound-guided transbronchial needle aspiration (EBUS-TBNA) at Donostia University Hospital. — **PA999**
Unai Portela Dominguez (Errenteria, Spain), Nekane Mugica Atorrasagasti, Juan Carlos Santana Astudillo, Mikel Zubeltzu Sese, Helena Ceberio Carrera, Javier Gimenez Sanchez, Xumai Aizpuru Zinkugeni, Agustina Rivas Guerrero, Marta Inchausti Iguiñiz

The pivotal role of intraoperative ROSE in the diagnostic implementation of EBUS transbronchial mediastinal cryobiopsy (TBMC). — **PA1000**
ANGELOS ZOUGLOS (Marousi, Greece), Nektarios Anagnostopoulos, Evaggelia Koukaki, Stavroula Zaneli, Emmanouil Verykakis, Grigoris Stratakos

Diagnostic value of the use of PET-CT retention index together with EBUS-TBNA in the differentiation of mediastinal lymphadenopathies — **PA1001**
yusuf homan (mersin, Türkiye), Hamide Sayar, Berfin Temelli, Zehra pınar Koc, Mukadder Calıkoglu

PS-42 Session 79 08:00 - 09:30

Poster session: Artificial intelligence and quantitative imaging in lung disease: from screening to prognosis

Disease(s) : Respiratory critical care | Interstitial lung diseases | Thoracic oncology | Airway diseases | Pulmonary vascular diseases

Method(s) : Imaging Physiology Public health Epidemiology Pulmonary function testing

Tag(s) : Clinical, Digital health

Chairs : Ádám Domonkos Tárnoki (Budapest, Hungary), Sara Piciucchi (Forlì, Italy), Pia Iben Pietersen (Odense C, Denmark)

Late Breaking Abstract - CT-derived pulmonary venous pruning correlates with asthma severity and exacerbation risk — **PA1002**
Tong Yu (Pittsburgh, United States), Grace Lisius, Jing Wang, Xin Meng, Bruce Levy, Elliot Israel, Nizar Jarjour, Loren Denlinger, Mario Castro, Kaharu Sumino, John Fahy, Prescott Woodruff, Serpil Erzurum, Mark Aronica, Suzy Comhair, Eric Hoffman, Sean Fain, Sally Wenzel, Jiantao Pu

Artificial intelligence as a standalone first reader in LDCT lung cancer screening: a diagnostic accuracy meta-analysis — **PA1003**
Ni Nyoman Indirawati Kusuma (Jakarta, Indonesia), Alfino Syahputra, Almerveldy Azaria Dohong, Muhammad Aziz Arridho

Foundation Model Based Detection of Alpha-1 Antitrypsin Deficiency from HRCT: A Proof-of-Concept Study Across COPDGene, SPIROMICS, and GRADS Cohorts — **PA1004**
Vickram Tejwani (Cleveland, United States), Zachary Althof, Igor Barjaktarevic, Surya Bhatt, Russell Bowler, M. Bradley Drummond, MeiLan Han, Craig Hersh, Wassim Labaki, Victor Ortega, Karina Serban, James K. Stoller, Charlie Strange, George Washko, J Michael Wells, Ruchi Yadav, Charles Hatt, Trishul Siddharthan

Quantitative CT biomarkers across different ICS exposure states in COPD – descriptive analysis from the HISTORIC study — **PA1005**
Andreas Hoheisel (Freiburg, Germany), Anna Salina, Eleni Papakonstantinou, Maria Pascarella, Andrei M Darie, Ryoungwoo Jang, Leticia Grize, Daiana Stolz

LSC - 2026 - AI-powered imaging combined with spatial transcriptomics reveals unique immun e patterns linked to emphysema progression — **PA1006**
David Sanz Rubio (Zaragoza, Spain), Joselyn Rojas-Quintero, Ariel H. Curiale, Adrianne Colborg, Ayu Syarif, Scott Ochsner, Yun Zhang, Joshua Malo, Raúl San José Estépar, Francesca Polverino

Deep Learning-Based Vessel Suppression in Low-Dose Lung CT: A Pilot Study on Nodule Detection, Workflow Efficiency, and Inter-specialty Consistency for One-Stop Screening — **PA1007**
Chuan-Chou Tu (Yuanlin (Changhua), Taiwan)

The utility of Artificial Intelligence in the detection of Interstitial Lung Disease on chest radiography — **PA1008**
Coenraad Frederik Nicolaas Koegelenberg (Cape Town, South Africa), Louis Jacobus Fourie, Josias Philip Hoffman, Muhammad Saadiq Moolla, Zoliswa Nxumalo, Coenraad FN Koegelenberg

AI-supported portable chest X-ray screening with AI analysis in rural Horokhiv community, Ukraine — **PA1009**
Iryna Psiuk (Horokhiv, Ukraine), Olena Pavlenko, Iryna Kauza, Valerii Maiko, Myroslava Germanovych, Alexey Bogdanov, Gunta Dravniece

Trial efficiency gains using quantitative CT fibrosis compared with FVC in idiopathic pulmonary fibrosis — **PA1010**
Simon Walsh (Cambridge, United Kingdom), Muhunthan Thillai, Miguel Monteiro, Cameron Wilson, Amy Craster, Anna-Maria Hadjigregoriou, Phil Molyneaux

Evaluation of Alterations at Small pulmonary vasculature in Assessment of Chronic Obstructive Pulmonary Disease Patients Using Artificial Intelligence Aided Chest Computed Tomography **PA1011**
Ahmed Abdallah Bayoumy (Ismailia, Egypt), Maha M. Abu-El-Fotouh

Retrospective analysis of intervention risk, survival, and local control after CT-guided thermoablation of pulmonary lesions **PA1012**
Diliia Nurgatina (Heidelberg, Germany), Bettina Budai, Monika Eichinger, Kai Schlamp, Gudula Heußel, Claus Peter Heußel

Beyond Cancer: Incidental Detection of Interstitial Lung Disease in Lung Cancer Screening **PA1013**
Serena Bellani (Padova, Italy), Giulia Bartolucci, Nicol Bernardinello, Elisabetta Cocconcelli, Paolo Spagnolo, Elena Scagliori, Martina Zemella, Francesca Caumo, Elisabetta Balestro

DSS Score and Primary Spontaneous Pneumothorax: Early Risk Stratification for Unfavorable Outcomes **PA1014**
Imen Guedri (Monastir, Tunisia), Wajih Ghribi, Roua Ben Brahim, Asma Fattoumi, Sara Trimech, Elhem Chaouch, Saoussen Cheikh Mhamed, Samah Joobeur, Ahmed Ben Saad

AI-Based CT Biomarkers for Prognostic Stratification in Chronic Obstructive Pulmonary Disease **PA1015**
Aleksandar Ivkovic (Niš, Republic of Serbia), Stevan Ivkovic, Dušan Ivković

CT Based Fractal Analysis of Arterial and Venous Structures in COPD: Association with Pulmonary Function, Gas Exchange, Functional Capacity and COPD Progression **PA1016**
Gaurav Veer Singh (Toronto, Canada), Cameron J. Hague, James C. Hogg, Jean Bourbeau, Wan C. Tan, Miranda Kirby

Radiation dose reduction in ILD patients using Photon-Counting CT versus High-Resolution CT: a prospective study **PA1017**
Francesco Amati (Pieve Emanuele (Milano), Italy), Gabriele Bongiovanni, Anna Stainer, Calogero Messana, Pietro Levoni, Maria De Santis, Giuseppe Mangiameli, Paola Bossi, Marco Francone, Luigi Maria Terracciano, Andrea Laghi, Stefano Aliberti, Letterio Politi

Utility of artificial intelligence in chest X-ray interpretation: a multi-reader multi-case study **PA1018**
Javier Jose Zulueta Frances (Zuasti, Spain), Anshul Kumar Singh, Sapna Deepak Nakil, Saigopal Sathyamurthy, Sri Anusha Matta, Dennis Robert, Bunty Kundnani, Manoj Tadepalli, Preetham Putha

Can Thoracic CT Features Predict Mutation Positivity in Stage IV Lung Adenocarcinoma? A Retrospective Analysis of 810 Cases **PA1019**
Merve Ayık Türk (Izmir, Türkiye), Özgür Batum, Gülru Polat, Berna Kömürcüoğlu, Günseli Balcı, Filiz Karapınar, Mine Gayaf, Sinem Ermin, Ceyda Anar, Nuran Katgı, Yunus Türk, Lale Duman, Seher Susam, Ufuk Yılmaz

Longitudinal associations between pulmonary function and quantitative CT metrics of airway, vascular, and parenchymal features in patients with idiopathic pulmonary fibrosis **PA1020**
Benjamin Lavon (New York, United States), Gerald Smaldone, Jacqueline Skarre, Joana Costa, Suman Ghosal, Alpa Desai

Integrating Quantitative CT Biomarkers to Enhance COPD Detection in the HANSE Lung Cancer Screening Program **PA1021**
Mustafa Abdo (Kiel, Germany), Hendrik Pott, Martin Reck, Susanne Stiebeler, Roman Martin, Benjamin-Alexander Bollmann, Sabine Bohnet, Katharina May, Sabine Dettmer, Henrik Watz, Jens Vogel-Claussen

PS-5 Session 80 08:00 - 09:30

Poster session: Exercise, sport and the upper airway: new insights

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Thoracic oncology | Sleep and breathing disorders

Method(s) : Physiology | Pulmonary function testing | Epidemiology | Public health | Imaging | General respiratory patient care | Pulmonary rehabilitation | Endoscopy and interventional pulmonology

Tag(s) : Clinical, Translational , Digital health

Chairs : Tod Olin (Denver, United States), Hege Clemm (Paradis, Norway), Giovanni Cenerini (Livorno, Italy)

Late Breaking Abstract - Videolaryngoscopy- and videofluoroscopy-guided decannulation afte r supratracheal muscle training in a child with arthrogryposis **PA1022**
Alessandra Dorca (Goiânia, Brazil), Tiina Andersen, Edna Maria de Sena Souza Rocha, Lorena Cássia de Carvalho Oliveira, Letícia de Araújo Morais

Peripheral Muscle Oxygen Utilization in Female Athletes with Long COVID: A CPET–NIRS Study Eloara Vm Ferreira (São Paulo (SP), Brazil), Natalia Costa, Maria Beatriz Monteiro, Vitor Souza, Elaine Vieira, Mariana Lafetá, Júlio Carlstron, Luiz Eduardo Nery, Priscila Sperandio, Eloara Ferreira	**PA1023**
Insights on the Analysis of the Metabolomic Profile in Exercise Intolerance in Post-COVID-19 Athletes Eloara Vm Ferreira (São Paulo (SP), Brazil), Maria Beatriz Leme Monteiro (Sao Paulo, Brazil), Natalia P. L. Costa, Thais Menezes, Marcus V. Quaresma, Milena Franchikosk, Elaine B. Vieira, Julio C. Pacheco, Vitor C. Souza, Luiz Eduardo Nery, Eloara V. M. Ferreira	**PA1024**
Predicting and interpreting lung function among elite athlete Zander J. Williams (London, United Kingdom), Zander J. Williams, Anna R Jackson, Giovanni Cenerini, John Dickinson, Criag Ranson, James P Allinson, Jim Kerrs, James H Hull	**PA1025**
Effect of inhaled β2-adrenoreceptor agonist (IBA) on lab-based sprint triathlon performance in endurance-trained athletes with airway dysfunction Nikki van Noord (Montréal, Canada), Dennis Jensen	**PA1026**
Mechanics Over Medicine: Challenging the Asthma-Centric Diagnostic Paradigm in High-Performance Endurance Sport Mohammad Alhamas (Hull, United Kingdom)	**PA1027**
A randomized clinical trial of preventive acetazolamide therapy for acute mountain sickness in females compared to males Aijan Taalaibekova (Bishkek, Kyrgyzstan), Johanna Roche, Alina Häfliger, Maamed Mademilov, Kamila Magdieva, Azat Bolotbek, Dinah Hertig, Taomei Li, Kay von Grünigen, Alessandro Vella, Stefanie Zahner - Ulrich, Benoit Champigneulle, Julian Müller, Mona Lichtblau, Konrad Bloch, Silvia Ulrich, Talant Sooronbaev, Michael Furian	**PA1028**
Race and ethnicity among patients with exercise-induced laryngeal obstruction: underrepresentation of non-white populations in a referral center and the literature Tod Olin (Denver, United States), Anna Dammann, Elizabeth Fan, Elizabeth Kellermeyer, Jennifer Taylor Cousar	**PA1029**
Calibration-free wearable estimation of tidal volume and minute ventilation during physical exercise Pietro Massone (Milano, Italy), Alessandra Angelucci, Andrea Aliverti	**PA1030**
Quantification of Laryngeal Narrowing in Inducible Laryngeal Obstruction - Validation of Novel Software Danielle Stone (Pymble, Australia), Ryan G Wallis, Louise Hansell, Mia Whitehall, Gregory G King, David G Chapman	**PA1031**
Comparing Eucapnic Voluntary Hyperventilation and Cardiopulmonary Exercise Testing in the Diagnosis of Exercise Induced Laryngeal Obstruction Danielle Stone (Pymble, Australia), Ryan Wallis, Louise Hansell, Fei Ni Hau, Sriya Kondura, Fiona Paterson, Gregory G King, David Chapman	**PA1032**
Upper airway resistance and laryngeal responses during inspiratory muscle training (IMT) in healthy volunteers. Petrine Veierod Solli (Bergen, Norway), Anne Kristine Brekka, Astrid Sandnes, Manel Lujan, Maria Vollsæter, Hege Clemm, Tiina Andersen, Merete Salveson Engeset	**PA1033**
Asymmetrical diaphragm thickening fraction in females with inducible laryngeal obstruction Louise Hansell (Sydney, Australia), David Chapman, Bosco Leung, Danielle Stone	**PA1034**
Multivariate Functional Patterns and Longitudinal Recovery of Pulmonary Function in Post-COVID-19 Syndrome: A 22-Month Follow-Up Study Alexandra Bianca Iftimesei (Iași, Romania), Daniela Robu Popa, Oana Elena Melinte, Mona Elisabeta Dobrin, Antigona Carmen Trofor	**PA1035**
Sex-Specific Anthropometric Determinants of 6 Minute Walk Distance Yuval Kuntzman (Tel Aviv, Israel), Inbal Shafran, Ludmila Borochov, Chava Lis, Ariela Velner, Erik Baltaxe, Ronen Reuveny, Michael Segel	**PA1036**
Within-day and day-to-day test-retest reliability of neural respiratory drive assessed by parasternal surface electromyography Zoe Bousraou (Zürich, Switzerland), Lara Benning, Dario Somaini, Bastian Gruber, Martin Lüchinger, Esther Irene Schwarz	**PA1037**
Increasing mask efficacy: development of a compliant bench-top facial model for evaluating mask seal and leakage across diverse face shapes Isabelle Russell (Christchurch, New Zealand), Kirsty Hawke, Ella Guy, Geoff Chase	**PA1038**

Determinants of Unsupported Upper-Extremity Functional Capacity in Individuals with Obesity **PA1039**
Yasemin GEDIKLI ERTURK (konya, Türkiye), Gulsah Ozsoy, Mehmet Kaan Altunok, Nurel Erturk, Beyza Ari Gedik, İsmail Ozsoy

BreathDetective: Manual and automated exercise breathing analysis for robust research **PA1040**
Eric Harbour (Salzburg, Austria)

From Misdiagnosis to Mechanism: A Systematic Review (2020–2026) Establishing EILO as the Dominant Cause of Persistent Respiratory Symptoms in Athletes **PA1041**
Mohammad Alhamas (Hull, United Kingdom)

PS-6 Session 81 08:00 - 09:30

Poster session: High-resolution mapping of lung disease biology

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology

Tag(s) : Basic science, Translational

Chairs : Dawn DeMeo (Boston, United States), Aurélien Justet (Caen, France), Huijuan Wang (Bern, Switzerland)

Late Breaking Abstract - The contribution of plasma cells in end-stage cystic fibrosis airway disease **PA1042**
Lise Vanvuchelen (Leuven, Belgium), Astrid Vermaut, Pieterjan Kerckhof, Marta Zapata Ortega, Lara Verbeylen, Birger Tielemans, Hanne Beeckmans, Balin Ozsoy, Andrea Zajacova, Martina Mercurio, Charlotte Hooft, Gitte Aerts, Vincent Geudens, Nebal Abu Hussein, Marijke Proesmans, François Vermeulen, John McDonough, Naftali Kaminski, Bart Vanaudenaerde, Natalie Lorent, Mieke Boon

Single-cell transcriptomic deciphering of the intratumoral heterogeneity and immune landscape in multi-subtype lung carcinomas **PA1043**
CHEN YUANSI (chengdu, China), Qi Yawen, Deng Yan, Wang Zhoufeng, Li Weimin

Spatial organization of airway and immune follicle transcriptional programs in COPD **PA1044**
Zaid Elhusseini (London, United Kingdom), Jennifer Wang, Craig Hersh, Jeong Yun

The impact of sex on airway epithelial gene expression in asthma **PA1045**
Elsa Lucia Garcia Gonzalez (Santa Cruz de Tenerife, Spain), Elsa L García, Erick Castillo-Vargas, Fabian Lorenzo-Diaz, María Pino-Yanes

Uncovering the plasma miRNA signature of smoking **PA1046**
Xavier Benedicto (Barcelona, Spain), Alejandro Torvisco-Tello, Sandra Casas-Recasens, Àlvar Agustí, Alfonso Valencia, Rosa Faner

A Single-Cell Atlas of the Systemic Immune Landscape in Severe Bacterial Pneumonia **PA1047**
Yanan Li (Shang Hai, China), Qingyuan Yang, Jieming Qu

A conserved regulatory hub synchronizes immune activation and stromal remodeling in asthma **PA1048**
Lifei Li (ShenZhen, China), Xiu Yu, Wei Zhang, Rongchang Chen, Chen Qiu

From Lungs to Heart: scRNA-seq Illuminates Post-Pneumonia Cardiovascular Risks **PA1049**
Peter Pennitz (Berlin, Germany), Markus Brack, Kristina Mueller, Richard Steinhorst, Emanuel Wyler, Cengiz Goekeri, Jo Bagli, Denise Barthel, Antoine-Emmanuel Saliba, Markus Scholz, Martin Witzenrath, Geraldine Nouailles, Holger Kirsten

BALF proteomics reveals molecular features of early airway ageing in paediatric cystic fibrosis. **PA1050**
Patrick Asare (Adelaide, Australia), Paul Reynolds, Hubertus Jersmann

Extensive Remodelling of the Airway Epithelial Landscape in COPD Revealed by snRNA-seq and Gene Regulatory Network Analysis **PA1051**
Sjors Maassen (Groningen, Netherlands), Tessa Gillett, Martin Banchero, Pauline Kuks, Joline Hartman, Veit Erpenbeck, Emma Doran, Wiebke Theess, David Dylus, Cory-Anke Brandsma, Irene Heijink, Daan Pouwels, Wim Timens, Karin Klooster, Drik-Jan Slebos, Maarten van den Berge, Macro Demaria, Martijn Nawijn

The Significance of Mosaic Loss of the Y Chromosome in COPD **PA1052**
Yuta Hirano (Tokyo, Japan), Masahiro Yoshida, Yusuke Yamamoto, Jun Araya

Integrative Multi-Omics Analysis Identifies Phospholipid and Sphingolipid Remodeling Associated with Lung Function Decline in COPD **PA1053**
Zaid Elhusseini (London, United Kingdom), Aldric Rosario, Nicole Prince, Rachel Kelly, Russell Bowler, Firoozeh Gerayeli, Luis Vargas Buonfiglio, Molly Kelly, Stephanie Christenson, Wassim Labaki, Craig Hersh

Integrated clinical and transcriptomic analysis identifies COPD subtypes with distinct molecular and clinical profiles **PA1054**
Enrico Maiorino (Boston, United States), Margherita De Marzio, Zhonghui Xu, Craig Hersh, Jeong Yun, Robert Chase, Scott Weiss, Edwin Silverman, Peter Castaldi, Kimberly Glass

Multi-modal spatial mapping of inflammation in the lung **PA1055**
Craig Edward Wheelock (Stockholm, Sweden), Matthew Smith, Manuel Kulagin, Alexandra Firsova, Jesper Säfholm, Christos Samakovlis, Julia Esser-von Bieren

Sex-specific plasma metabolomics in COPD uncovers novel pathophysiological axes in Creatine, Purine/Urate, and Bile-Acid biology **PA1056**
Joaquim Gea Guiral (Barcelona, Spain), César Jessé Enríquez-Rodríguez, Alexandra Eliasaff, Carme Casadevall, Rosa Faner, José Luis López-Campos, Eduard Monsó, Sergi Pascual-Guàrdia, Ramon Camps-Ubach, Diego A Rodríguez-Chiaradia, Borja G. Cosío, Ori Shalev, Alvar Agusti

Actionable Gene Fusions in Polish NSCLC Patients: A Large-Cohort Targeted NGS Study **PA1057**
Adam Szpechciński (Warszawa, Poland), Magdalena Pelc, Urszula Lechowicz, Joanna Moes-Sosnowska, Malgorzata Szolkowska, Mateusz Polaczek, Adriana Rozy, Elzbieta Podgorska, Wojciech Tomaszewicz, Paulina Jagus, Aneta Zdral, Emil Wojda, Krystyna Maszkowska-Kopij, Pawel Sliwinski, Renata Langfort, Tadeusz Orlowski, Joanna Chorostowska-Wynimko

Transcriptomic insights from a five-week HDM mouse model recapitulating the molecular basis of asthma pathogenesis **PA1058**
Anna Rita Pisano (Parma (PR), Italy), Elisa Schiavi, Debora Fragni, Francesca Ruzzi, Michele Bassi, Silvia Parolo, Gino Villetti, Daniela Miglietta

Beyond Viral Clearance: Single-cell RNA Sequencing Reveals a Persistent, Cytokine-Driven Pathological State in Severe Post-COVID Syndrome **PA1059**
Yamil Maluje (Lübeck, Germany), Karosham Reddy, Fabian Ott, Rochi Saurabh, Ann-Cathrin Schaaf, Sanja Winkelmann, Bettina Voss, Martin Laudien, Antonia Bohnhorst, Julia Pierstorf, Stefan Schreiber, Jan Heyckendorf, Folke Brinkmann, Wolfgang Lieb, Constanze Jakwerth, Hansen Gesine, Carsten B Schmidt-Weber, Erika Von Mutius, Klaus Rabe, Anna-Maria Dittrich, Nicole Maison, Bianca Schaub, Matthias Kopp, Thomas Bahmer, Hauke Busch, Markus Weckmann, Anke Fähnrich

Single-cell profiling identifies an IL4Rhi alveolar macrophage subset associated with proinflammatory signature in chronic obstructive pulmonary disease **PA1060**
Takuya Saito (Sendai, Japan), Naoya Fujino, Shuichi Konno, Yoshinao Ono, Mitsuhiro Yamada, Hisatoshi Sugiura

Single-cell profiling reveals distinct cluster-specific upregulation of blood eosinophils in allergic asthma patients **PA1061**
Andrius Januskevicius (Kaunas, Lithuania), Airidas Rimkunas, Egle Vasyle, Dominykas Remeika, Virginija Kalinauskaite-Zukauske, Jolita Palacionyte, Kestutis Malakauskas

PS-7 Session 82 08:00 - 09:30

Poster session: Host–environment interactions in lung diseases

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Cell and molecular biology Epidemiology Public health Pulmonary function testing General respiratory patient care Physiology

Tag(s) : Clinical, Translational , Global reach

Chairs : Niki Ubags (Epalinges, Switzerland), Tomas Mikal Lind Eagan (Bergen, Norway), Christopher Carlsten (Vancouver (BC), Canada)

Late Breaking Abstract - Mechanism of SEMA4A in regulating the exacerbation of Community -Acquired Pneumonia **PA1062**
Jieqiong Li (Beijing, China), Xinyu Yang, Shurui Ma, Yuling Xu

Sputum neutrophil elastase activity is elevated in a subset of individuals with paediatric bronchiectasis. **PA1063**
Craig Schofield (Nedlands, Australia), Luke Garratt, Crystal Bourke, Kitty Obando, Alana Harper, Tabitha Cleary, Julia Casella, Marina Kakuda Ng, André Schultz, Kathryn Ramsey

Mucins Beyond Obstruction – Regulators of Granulocytes in the Airways **PA1064**
Neeraj Patil (Gothenburg, Sweden), Jonas Ambjörnsson, Sofia Kallin, Duaa Malla, Hiba Sayadali, Emilia Åkesson, Madeleine Rådinger, Gunnar Hansson, Kristina Johansson

Integrating long non-coding RNAs and clinical data to predict long-term pulmonary recovery in ventilated critically ill patients **PA1065**
Carlos Rodríguez Muñoz (Lleida, Spain), María C. García-Hidalgo, Anna Vila, Sally Santisteve, Anna Sánchez-Cucó, Marta Molinero, Manel Perez-Pons, Alfonso Cordero-Barreal, Iván D Benítez, Anna Moncusí-Moix, Ferran Barbé, Jessica González, David de Gonzalo-Calvo

Dysregulated Myeloid-T Cell Immunity in Refractory Mycoplasma pneumoniae Pneumonia: High Inflammation Meets T Cell Suppression **PA1066**
Xin Yuan (Zhengzhou, China), Zijie Li, Yuefei Jin

Endogenous surfactant phospholipids as defenses against Rhinovirus C **PA1067**
Vanessa White (Denver, United States), Yury A. Bochkov, Jessica Loeffler, Eszter K. Vladar, Riley A. Cooney, Andrew H. Liu, Monica Kraft, Max A. Seibold, Mari Numata-Nakamura

Adenovirus disrupts paediatric airway epithelium and impairs regeneration. **PA1068**
Julie Mazenq (Marseille, France), Antoine Nougairède, Franck Touret, Léa Moreno, Pascal Chanez, Delphine Gras

Inflammatory endotypes between asthma and COPD exacerbations do not differ **PA1069**
Phillip De Souza (LONDON, United Kingdom), Minghua Zheng, Sanjay Ramakrishnan, Mahdi Mahdi, Mona Bafadhel

Prevotella intermedia culture supernatant induced secondary ciliary dyskinesia in vivo and in vitro **PA1070**
Koki Fukushima (nagasaki, Japan), Naoki Iwanaga, Takashi Kido, Yasuko Noguchi, Nobuyuki Ashizawa, Kazuaki Takeda, Masataka Yoshida, Shotaro Ide, Takahiro Takazono, Kosuke Kosai, Koichi Izumikawa, Katsunori Yanagihara, Hiroshi Mukae

The mucosal vaccine MV130 protects against experimental murine Streptococcus pneumoniae pneumonia **PA1071**
Alejandro Arrabal (Majadahonda, Spain), Luis Mariñas, Mercedes Rodríguez, Isabel Cortegano, Irene Bodega, Mario Alía, Salvador Iborra, José Luis Subiza, María Luisa Gaspar, Laura Conejero, Belén de Andrés

Impaired Ciliary Function Following Human Rhinovirus Infection in Asthmatic Airway Epithelium Measured by a Novel in vitro 3D Cilia-Analysis Approach **PA1072**
Shyreen Hassibi (London, United Kingdom), Kazuhiro Ito

Integrated multi-omics profiling of airway responses in pediatric Mycoplasma pneumoniae pneumonia with co-infection **PA1073**
Zijie Li (zhengzhou, China), Chunbo Hao, Yuefei Jin

Impaired Basal and Rhinovirus-Induced Antiviral Gene Expression in Bronchial Epithelium from Aged Donors **PA1074**
Shyreen Hassibi (London, United Kingdom), Junjun Song, Kazuhiro Ito

Airway neutrophil elastase activity integrates CT phenotype, radiological severity, and clinical disease severity in alpha-1 antitrypsin deficiency **PA1075**
David Quigley (Dublin, Ireland), Eamon Mullen, Georgia Bateman, Mairead Rowland, Lea Gaume, Emma Leacy, Suzanne Roche, Rachel Mulpeter, Tomas McHugh, Emma Farrell, Caitriona Breathnach, Lucy Kirwan, Rebecca Fitzgerald, Mark Murphy, Tomas Carroll, Rosaleen Carroll, Gerry Mcelvaney

Rhinovirus and severe asthma: decoding epithelial dysfunction and inflammatory responses **PA1076**
Kim Valette (Marseille, France), Léa Moreno, Elisa Redman, Anne-Sophie Payet, Lauriane Coppin, Sandrine Ambard, Julien Maurizio, Laure-Emmanuelle Zaragosi, Pascal Chanez, Delphine Gras

Exploring the effects of OM-85 bacterial lysate on paediatric airway epithelial responses to rhinovirus infection **PA1077**
Yaqin Alziyadat (Nedlands, Australia), Alexander deBont, Samuel Montgomery, Ingrid A. Laing, Anthony Kicic, Thomas Iosifidis, Peter N. Le Souef

Safety, Tolerability, Pharmacokinetics, and Pharmacodynamics of BBT002, a Novel Bispecific IL-4Rα/IL-5 Antibody, Across Multiple Healthy Volunteer (HV) Populations: Results from Two Phase I Studies **PA1078**
Thang Ho (Boston, United States), Lara Hatchuel, Yu Chen, Johnathan Lee, Lisa Li, Tracy Ji, Stacy Tsukayama, Jen Tsung, Wei Liang, Jingjing Jiang, Shanshan Xu

Rhinovirus promotes epithelial dysfunction in COPD airways **PA1079**
Delphine Gras (Marseille, France), Paola Pinto, Kim Valette, Serena Di Vincenzo, Maria Ferraro, Lea Moreno, Pascal Chanez, Elisabetta Pace

PS-8 Session 83 08:00 - 09:30

Poster session: Environmental exposure, epithelial injury and immune dysregulation in lung disease

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Imaging | Public health

Tag(s) : Clinical, Global reach

Chairs : Ali Oender Yildirim (Neuherberg, Germany), Sara Rolandsson Enes (Lund, Sweden), Milena Sokolowska (Davos, Switzerland)

Late Breaking Abstract - Butyrate attenuates airway remodeling and shifts macrophage polarization toward an IL-10-associated M2 phenotype via GPR43 receptor signalling in murine COPD. Renata Bitar (Sao Paulo, Brazil), Fabiana Olímpio, Nycolas Preite, Paloma Cristina Rosa, Flávio Loures, Flávio Aimbire	**PA1080**
Maternal thirdhand e-vapour exposure reduces respiratory function and induces emphysema in offspring Maddie Coward-Smith (Sydney, Australia), Andrew E Thorpe, Hui Chen, Brian G G Oliver, Richard Y Kim, Chantal Donovan	**PA1081**
Epithelial inflammaging and epigenetic imprinting limit lung regeneration across the lifespan Gowtham Boosarpu (Marburg, Germany), Eva Guenther, Carina Steinchen, Maria Camila Melo Narvaez, Camille Barro, Turgud Nazarli, Francesco Campi, Laura-Marie Twardowski, Qianjiang Hu, Roxana Maria Wasnick, Anne Hilgendorff, Anna Lena Jung, Hosam Shams-Eldin, Ali Oender Yildirim, Marie Piraud, Melanie Koenigshoff, Tobias Stoeger, Bernd Schmeck, Miguel Alejandre Alcazar, Carola Voss, Mareike Lehmann	**PA1082**
Distinct Macrophage Phenotypes Uncovered by Transcriptomics in Spatial Microenvironments of Silica Dust-Induced Pulmonary Fibrosis Nebal Abu Hussein (Basel, Switzerland), Taylor Adams, Sabina Anderson, Fadi Nekola, Barak Pertzov, Naftali Kaminski	**PA1083**
Epithelial cell stress responses and fibrotic remodelling following chronic amorphous silica exposure in vitro Ellen Donohoe (Concord NSW, Australia), Sakthi Priya Selvamani, Vivek Dharwal, Thomas O'Neil, Richard Zelei, Andrew Harman, Deborah Yates, Anthony Linton, Elham Hosseini-Beheshti	**PA1084**
Peroxisomal regulation as a therapeutic strategy against silica-induced lung injury. Vivek Dharwal (Sydney, Australia), Richard Zelei, Ellen Donohoe, Sakthi Priya Selvamani, Sharyn Gaskin, Deborah Yates, Anthony Linton, Elham Hosseini-Beheshti	**PA1085**
Mechanistic modelling of alveolar injury from benzaldehyde propylene glycol acetal, a cherry-flavoured e-cigarette adduct. joseph xavier (Trivandrum, India), Yuefan Yu, Bhavani Varma, Zhaolin Lu, Megha Kb, Remya Ns, Jorge Bernardino de la Serna, Anil Kumar Pr	**PA1086**
Pulmonary Anthracosis Distribution Is Modulated by Environmental Setting Rather Than City Size Andrea Jazel Rodríguez Herrera (Ribeirão Preto, Brazil), Maria Julia Faci do Marco, Sabrina Setembre Batah, Danilo Tadao Wada, Marcel Koenigkam Santos, Tales Rubens de Nadai, Andrea Antunes Cetlin, Alexandre Todorovic Fabro	**PA1087**
Resveratrol-Mediated Mitochondrial Protection Ameliorates Paraquat-Induced Acute Lung Injury: A Multi-Omics and Cellular Imaging Study Ziying Xu (Beijing, China), Jing Yuan, Chao Yan, Yuehua Ke	**PA1088**
Cigarette smoke promotes susceptibility to respiratory infections by compromising the defense functions of the airway epithelium and the innate immune response. Serena Di Vincenzo (Palermo (PA), Italy), Paola Pinto, Maria Ferraro, Elisabetta Pace	**PA1089**
Transcriptome reveals the landscape of alveolar macrophages exposed to combined hypoxia with cigarette smoke extract Baicun Li (Beijing, China), Qing Liu, Ting Yang	**PA1090**
Lactobacillus rhamnosus restores antiviral signaling and attenuates cytokines secretion from human bronchial epithelial cells exposed to cigarette smoke and infected with SARS-CoV-2 Flavio Aimbire (São José dos Campos (SP), Brazil), Paloma Cristina Rosa, Robert Andreata-Santos, Renata Bitar, Fabiana Olímpio	**PA1091**

Particulate matter, PM2.5 derived from Beijing air pollution, increases the production of CXCL8 in Small Airway Epithelial Cells from non-smoking donors at 48h after exposure. **PA1092**
Peter Fenwick (London, United Kingdom), Justine Devulder, Dian Chen, Ruiying Wang, Yahong Chen, Peter Barnes, Louise Donnelly

Dysregulated hypoxia-induced gene responses and inflammatory release in primary bronchial epithelial cells from COPD patients **PA1093**
Anna-Karin Larsson-Callerfelt (Lund, Sweden), Martin Ryde, Rida Khalid, Luzie Nickel, Maria del Pilar Romano, Leif Bjermer, Göran Dellgren, Ellen Tufvesson, Gunilla Westergren-Thorsson

Hypoxic conditions aggravate the response to particulate matter exposure in human alveolar and bronchial epithelial cells **PA1094**
Anna-Karin Larsson-Callerfelt (Lund, Sweden), Lovisa Jonason, Jonas Sjöblom, Lena Palmberg, Monica Kåredal, Ian Mudway, Anna-Carin Olin

Bacteroides_massiliensis and 3-(3-hydroxyphenyl)propionic Acid Sulfate Aggravate Lung Injury by Promoting Macrophage Recruitment **PA1095**
Weixia Xuan (zhengzhou, China), Zhenghong Tan, Huining Du, Zhesheng Chen, Longcheng Zheng, Yali Liu, Xiaowu Tan, Xu Wu

Exploring the therapeutic potential of 4-octyl itaconate (4-OI) against microplastics and nanoplastics induced lung damage **PA1096**
Michael Schlesinger (Broadway NSW, Australia), Suvash Saha, Keshav Paudel

Impact of microplastic inhalation on lung health **PA1097**
Keshav Raj Paudel (Sydney, Australia), Ashliegh Philp, Rajib Majumder, Nisha Panth, Kamal Dua, Philip Hansbro

Histone H4K12 lactylation-driven macrophage trained immunity promotes pathological damage in cigarette smoke-exposed asthma **PA1098**
Peizhi Tao (jinan, China), Qianhui Xu, Jingyi Zhou, Junwei Shi, Haipeng Guo

Hazard ranking of indoor and outdoor particulate matter in human airway epithelial cells **PA1099**
Tzer-Ren Ho (London, United Kingdom), Eric Auyang, Aristeidis Voliotis, Amber Vaughan, Francesca Giannachi-Kaye, Steven J. Campbell, Gordon McFiggans, Frank Kelly, Ian Mudway

PS-9 Session 84 08:00 - 09:30

Poster session: Cell death, senescence and stress response pathways in lung injury and fibrosis

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Transplantation

Tag(s) : Basic science, Translational

Chairs : Arnaud Mailleux (Paris, France), Suzanne Cloonan (Dublin, Ireland), Jun Araya (Tokyo, Japan)

Late Breaking Abstract - Multi-omics integration identifies VCAM1 as a regulator of endothelial dysfunction and ferroptosis in acute lung injury **PA1100**
Qin Zhang (Beijing, China), Chen Chen, Haidong Ding, Jingwen Hu, Jingwen Lu, Liang Zou, Xiaoming Zhou

Nerandomilast reduces AT2 senescence and maladaptive epithelial repair to attenuate fibrosis across acute and chronic bleomycin injury models **PA1101**
Shun Inukai (Tokyo, Japan), Masahiro Yoshida, Saburo Ito, Satoki Hatano, Teru Ebihara, Tomoya Maruyama, Kosuke Miyamura, Saiko Nishioka-Nomura, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya

Increased expression of TRIM3 mediates alveolar type 2 cell senescence and promotes lung fibrosis **PA1102**
Chen Jie (Guangzhou, China)

Senescence Antigen Discovery in Aberrant Basaloid cells for the Immunotherapeutic Targeting of Idiopathic Pulmonary Fibrosis **PA1103**
Michael Saitakis (Saint-Mandé, France), Lucile Massenet-Regad, Silvia Menegatti, Jaime Fuentealba, Marion Alcantara, Nicolas Girard, Sebastian Amigorena, Cathal Meehan

Delineating the role of TFEB-mediated autophagy in alveolar type 2 cell stemness and its implication in pulmonary fibrosis **PA1104**
Tomoya Maruyama (Tokyo, Japan), Masahiro Yoshida, Satoki Hatano, Teru Ebihara, Kosuke Miyamura, Shun Inukai, Saiko Nishioka-Nomura, Saburo Ito, Shunsuke Minagawa, Takanori Numata, Hiromichi Hara, Jun Araya

ARSK Alleviates Pulmonary Fibrosis by Regulating Fibroblast Activation via the Autophagy-Glycolysis Axis Huilan Zhang (Wuhan (Hubei), China), Ruihan Dong, Huihui Yue, Shiyi Zhang, Xuan Li, Hui Li, Congyi Wang, Yi Wang	**PA1105**
Low-dose colchicine attenuates pulmonary fibrosis by suppressing ferroptosis through the TFEB–lysosome–iron homeostasis axis Shuangyu Han (TIANJIN, China), Siyu Zhan, Leilei Shi, Xingkai Wang, Yubao Wang	**PA1106**
Endothelial senescence–cGAS axis drives irreversible pulmonary vascular remodeling in COPD-associated pulmonary hypertension Huilin YU (Chongqing, China), Hong Chen	**PA1107**
Crosstalk between small airway epithelial cells and small airway fibroblasts via extracellular vesicles drives cellular senescence and fibrosis in chronic obstructive pulmonary disease Justine Devulder (London, United Kingdom), Peter Fenwick, Louise Donnelly, Peter Barnes	**PA1108**
Altered senescence and differentiation of human alveolar type II (AT2) cells in COPD Yiling Guo (London, United Kingdom), Peter Fenwick, Louise Donnelly, Peter Barnes	**PA1109**
Cell Death Biomarkers: Implications in the clinical course of COPD with and without alpha-1 antitrypsin deficiency. Gerard Orriols Torras (Barcelona, Spain), Cristina Aljama Vizcarro, Ane Lopez-Gonzalez, Galo Granados Rosales, Marc Miravitlles Fernandez, Miriam Barrecheguren Fernandez, Cristina Esquinas Lopez	**PA1110**
3-hydroxybutyrate derived from Hericium erinaceus polysaccharides delays lung aging and COPD progression in elderly mice by activating the AMPK pathway to improve autophagy and mitochondrial function Feng Zhang (Quzhou, China), Min Zhang, Zheng-kai Wang, Yu Xiong, Jun Ping, Wei-dong Ye, Jing-qi Fu	**PA1111**
Inhibition of the xCT-GSH-GPX4 Axis Synergistically Enhances Disulfiram/Copper-Induced Cuproptosis in Non-Small Cell Lung Cancer Xinxin Zhong (Guilin, China), Zixin Song, Jiale Su, Yamei Luo, Min Zheng, Shilei Qin, Jianzhi Pang, Tao Lu, Yaxi Liang, Kai Ding, Xiaowen He, Qiqi Chen, Jiashen Hu, Bo Xiao, Yi Gou, Xi Qin, Libing Ma	**PA1112**
Myristoylated, alanine-rich C-kinase substrate (MARCKS) mediates anti-apoptosis of airway fibroblast and airway remodeling in obese asthma Wun-Hao Cheng (Taipei city, Taiwan), Mei-May Neoh, Kuan-Yuan Chen	**PA1113**
PP4 Deficiency Drives Epithelial Senescence via Endoplasmic Reticulum Stress–Induced p21 Activation in Asthma Feng-Ming Yang (Taipei, Taiwan), Yu-Ting Huang, Chu-Yun Chen	**PA1114**
Upregulation of senescence-driven epithelial-to-mesenchymal transition (EMT) markers in Cystic Fibrosis airway epithelia Anca Manuela Hristodor (Verona, Italy), Anna Pianazzola, Gaia Galassi, Francesca Lucca, Enrico Cappelli, Silvia Ravera, Carlo Dufour, Giuseppe Lippi, Anna Pistocchi, Tarini Gunawardena, Theo J Moraes, Marco Cipolli, Valentino Bezzerri	**PA1115**
The mechanism of Mac-BNIP3hi mediating mitophagy to regulate metabolic stress in abnormal repair of tracheal injury Ranyang Liu (Chongqing, China), he huang, Shuliang Guo	**PA1116**
Dysregulated copper metabolism-induced cuproptosis contributes to mitochondrial dysfunction and macrophage inflammatory response in acute lung injury Shuyang Chen (Shanghai, China), Zheng Zhou, Yajun Wang, Dong Yang, Jinjun Jiang, Shujing Chen	**PA1117**
PLPP3 suppresses macrophage pyroptosis by restricting phosphatidic acid and MAM formation during sepsis Fanyu Kong (Shanghai, China), Chunxue Wang, Lunxian Tang	**PA1118**
Fibroblast growth factor 10 alleviates pyroptosis of alveolar epithelial cells in different immune niches Tianchang Wei (Shanghai, China)	**PA1119**

1A Session 85 08:30 - 10:00

State of the art session: Airway diseases

Towards remission in airway diseases: facing an unmet need or chasing a dream?

Aims : To examine the goal of achieving remission in airway diseases, asthma and COPD; to review the current status of treatment, evaluate the opportunities and potential of existing pharmacotherapy and emerging approaches for patients with mild-to-moderate and severe asthma, and consider future directions.

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : Cell and molecular biology Epidemiology Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational), Journalist, Pharmacist

Chairs : Marc Miravitlles (Barcelona, Spain), Matteo Bonini (Rome, Italy), Mona Al-Ahmad (Kuwait City, Kuwait)

08:30	**Linking immunopathology and clinical phenotypes to targeted therapy in airway diseases** Manali Mukherjee (Hamilton (ON), Canada)	**1120**
08:45	**Varying definitions of remission: unanswered questions – so how do we reach a consensus for our patients?** Celeste Michala Porsbjerg (Copenhagen, Denmark)	**1121**
09:00	**Why is remission in asthma only for the minority?** Liam G. Heaney (Belfast (Belfast), United Kingdom)	**1122**
09:15	**Remission in COPD: is it a considerable and achievable goal? Moving towards patients' expectations** Daiana Stolz (Freiburg, Germany)	**1123**
09:30	**Discussion and Q&A** All speakers	**1124**

3L Session 86 08:30 - 10:00

Clinical trials session: ALERT 1: IMPACT - Implementation and intervention

Aims : The ALERT sessions (Abstracts Leading to Evolution in Respiratory Medicine Trials) showcase important and very late-breaking clinical trial data from all respiratory disease areas. Presenters, discussants, session chairs and the audience will actively discuss the showcased trials.

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Public health Endoscopy and interventional pulmonology General respiratory patient care

Chairs : Donald Sin (Vancouver (BC), Canada), Guido Marchi (Pisa, Italy), Zuzana Diamant (Groningen, Netherlands)

Discussants : Lamya Chrif Morand (Kenitra, Morocco), Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal)

08:30	**RCT Abstract - Implementing Predictive Analytics towards efficient COPD Treatments (IMPACT): a cluster randomised controlled trial** Mohsen Sadatsafavi (Vancouver (BC), Canada), Paloma Burns, Mehrshad Mokhtaran, Jeenat Mehareen, Alexander J. Lin, Shelley Abercromby, Paul Gustafson, Chris Carlsten, Samir Gupta, Andrea Gershon, Nick Bansback, Annalijn I. Conklin, Mary A. De Vera, Janice M. Leung, Stephen van Eden, Kevin I. Duan, Nawaf Alotaibi, Wan Tan-Hogg, Don D. Sin	**RCT1125**
08:37	**Willingness to Engage in Smoking Cessation Intervention Among Participants in a Population-Based Lung Cancer Screening Pilot** Charlotte Theuns (Hoboken - Antwerp, Belgium), Kaat Ramaekers, Amber Gerris, Guido Van Hal, Jan De Lepeleire, Annemiek Snoeckx, Jan van Meerbeeck	**RCT1126**
08:44	**Late Breaking Abstract - Effectiveness of a whole systems strategy to improve implementation of supported asthma self-management in UK primary care: a cluster randomised implementation trial (IMP2ART)** Hilary Pinnock (Edinburgh, United Kingdom), Vicky Hammersley, Francis Appiagyei, Atena Barat, Brigitte Delaney, Deb Fitzsimmons, Thomas Hamborg, Tracy Jackson, Mari Jones, Steven Julious, Catherine MacLeod, Viv Marsh, Kirstie McClatchey, Noelle Morgan, David Price, Jessica Sheringham, Liz Steed, Beth Stuart, Steph Taylor	**RCT1127**

08:51	**RCT Abstract - Targeted case-finding and proactive clinical management in a primary care setting reduces exacerbations in COPD patients with exacerbation history and scope for treatment optimisation: findings from the PREVAIL cluster randomised trial** David Price (Singapore, Singapore), John R Hurst, Margee Kerr, Katherine Hickman, Mukesh Singh, Michael G Crooks, Luis A. Alves, Cono Ariti, Mona Bafadhel, Mohit Bhutani, John Busby, Victoria Carter, James D. Chalmers, Rongchang Chen, Amy Couper, Graham Devereux, Neva Eleangovan, Alexander Evans, Daryl Freeman, Chris P. Gale, Martin Gibson, David M.G. Halpin, William Henley, Jonathan Marshall, Fernando Martinez, Marc Miravitlles, Tamsin Morris, Hana Muellerova, Shigeo Muro, Jonatan Nåtman, Rachel Pullen, Jennifer K. Quint, Anita Sharma, Dave Singh, Derek Skinner, Daiana Stolz, Della Vargese, Elango Vijaykumar, Tonya Winders, Tom Wilkinson, Andrew P. Dickens	**RCT1128**
08:58	**Wrap-up and discussion** Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal)	**RCT1129**
09:25	**Late Breaking Abstract - Comparison of diagnostic yield and safety of three endobronchial ultrasound -guided transbronchial biopsy techniques in diagnosing patients with mediastinal/hilar lymphadenopathy: a multicentre randomised trial (COFIDENCE Study)** Gang Hou (Beijing, China), Mingming Deng, Ziwen Zheng	**RCT1130**
09:32	**RCT Abstract - Shape-sensing robotic-assisted bronchoscopy versus electromagnetic navigation bronchoscopy for peripheral pulmonary nodules: a multicenter, randomized controlled trial (The ARTICULAtE Study)** Jiayuan Sun (Shanghai, China), Fangfang Xie, Chun Li, Dan Liu, Yuanlin Song	**RCT1131**
09:39	**Wrap up and discussion** Lamya Chrif Morand (Kenitra, Morocco)	**RCT1132**

3B Session 87 08:30 - 10:00

Symposium: Best practice in advance care planning for children and young people with complex medical needs

Balancing perspectives in paediatric palliative and end-of-life care

Aims : To discuss the complexities and challenges of advanced care planning for children and young people with life-limiting illnesses and complex medical needs, from the medical, ethical and legal perspectives, offering practical advice on a best practice approach; to outline best practice in advanced care planning, guided by the European Charter on Palliative Care for Children and Young People; to explore key decision-making challenges, including initiation and withdrawal of long-term ventilation; to examine how the interests of children, parents and families can be balanced ethically; to discuss how disagreements between families and healthcare professionals can be managed from a legal perspective.

Disease(s) : Paediatric respiratory diseases | Respiratory critical care

Method(s) : General respiratory patient care | Palliative care | Respiratory intensive care

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : David Lo (Leicester, United Kingdom), Elias Seidl (Zurich, Switzerland), Marijke Proesmans (Leuven, Belgium)

08:30	**Patient testimony** Inge Roelandt (, Belgium)	**1133**
08:35	**The European Charter on Palliative Care for Children and Young People: perspectives of children and young people, parents and carers, and professionals** Deborah Gubler (Zurich, Switzerland)	**1134**
08:50	**Decision-making in long-term ventilation for children with life-limiting illnesses** Refika Hamutcu Ersu (Ottawa, Canada)	**1135**
09:05	**Balancing the interests of parents, families and sick children** Hemant Sawnani (Cincinatti, United States)	**1136**
09:20	**When health professionals and families disagree: a medico-legal perspective** Anthony Hayden (London, United Kingdom)	**1137**
09:35	**Discussion and Q&A** All speakers	**1138**

3C Session 88 08:30 - 10:00

Mini symposium: What's your job? The question we miss in interstitial lung disease clinics

Aims : To highlight the critical yet often overlooked role of occupational history in interstitial lung disease (ILD) diagnosis and management; to quantify the true burden of occupational ILD and identify diagnostic gaps in current clinical practice; to demonstrate the value of occupational medicine consultation in ILD multidisciplinary teams; to examine the evidence for sarcoidosis as an occupational disease and its implications for patient care.

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Athina Trachalaki (London, United Kingdom), Antoine Froidure (Bruxelles, Belgium), Raphaël Borie (Paris, France)

08:30	**Patient testimony** Joshua Suwa (, Australia)	**1139**
08:35	**Occupational ILD: the missed burden** Sara De Matteis (Torino, Italy)	**1140**
08:50	**The role of the occupational disease consultant in your ILD clinic** Céline Lamouroux (Lyon, France)	**1141**
09:05	**Is sarcoidosis an occupational disease?** Marcel Veltkamp (De Meern, Netherlands)	**1142**
09:20	**Discussion and Q&A** All speakers	**1143**

3D Session 89 08:30 - 10:00

Symposium: Emerging exercise testing and training modalities for chronic lung disease
Innovations in exercise testing and training

Aims : To present emerging and recent advances in exercise testing and training for different respiratory diseases, so that health professionals can enhance monitoring and improve treatment of patients' physical functioning and implement novel practices in their own settings; to evaluate muscle properties and functional testing modalities that may be more relevant for patients' exercise capacity and physical activity than the typically used muscle strength; to showcase recent developments regarding remote exercise testing and training, including optimal patient selection, reliability and efficacy, to facilitate patient testing and uptake; to provide insights into the physiological rationale underlying the use of nasal high-flow oxygen therapy during exercise in chronic lung disease, including a focus on fibrotic interstitial lung disease; to present recommendations and recent evidence on blood flow restriction training as an emerging strategy for combating skeletal muscle dysfunction in chronic respiratory disease.

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology Physiology Pulmonary rehabilitation

Tag(s) : Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Patient, Physiologist, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : Mathieu Marillier (Echirolles, France), Sara Lundell (Umea, Sweden), Jean-Michel Fourrier (Saint-Aubin-de-Medoc, France)

08:30	**Assessment of muscle function in COPD: thinking beyond muscle strength** Andre Nyberg (Umeå, Sweden)	**1144**
08:45	**Remote exercise testing and training in respiratory disorders: where are we at?** Narelle Cox (Melbourne (VIC), Australia)	**1145**
09:00	**Nasal high-flow oxygen therapy in fibrotic interstitial lung disease: physiological benefits and rationale for exercise training** Ryo Kozu (Nagasaki, Japan)	**1146**
09:15	**Blood flow restriction training as a potential tool in pulmonary rehabilitation: application and methodological considerations** Andreas Zafeiridis (Thessaloniki, Greece)	**1147**
09:30	**Discussion and Q&A** All speakers	**1148**

3E Session 90 08:30 - 10:00

Symposium: United for a smoke- and vape-free Europe: leave no one behind

Reducing tobacco harm through patient-focused health policies and equity

Aims : To foster interdisciplinary dialogue and collaboration among clinicians, researchers, clinicians, patients, policymakers and public health advocates to accelerate progress towards a tobacco-free future across Europe; to highlight evidence-based strategies for prevention, cessation and harm reduction while addressing inequities that disproportionately affect vulnerable populations; to strengthen collective efforts, integrating cutting-edge scientific insights with practical policy approaches, ensuring that no community or individual is excluded from the benefits of smoke-free environments and improved respiratory health.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory critical care

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Global reach, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Pathologist, Patient, Thoracic oncologist, Journalist

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Ane Johannessen (Bergen, Norway), Helen Parks (Lisburn, United Kingdom)

08:30	**Digital phenotyping in tobacco cessation and behaviour change** Stamatoula Tsikrika (Athens, Greece)	**1149**
08:45	**Vaping among young people: trends, risk factors and behaviour patterns** Elif Dagli (Istanbul, Türkiye)	**1150**
09:00	**From stigma to support: enhancing patient–provider communication about smoking** Catherine Joy TUBIG (Quezon city, Philippines)	**1151**
09:15	**Patient-centred tobacco cessation: shared decision-making in clinical practice** Richard Van Zyl-Smit (Cape Town, South Africa)	**1152**
09:30	**Discussion and Q&A** All speakers	**1153**

3F Session 91 08:30 - 10:00

State of the art session: Thoracic oncology

Pleural malignancy: co-creating care through innovation and patient partnership

Aims : To explore cutting-edge developments in the diagnosis, treatment and management of pleural malignancies, with a focus on emerging technologies, personalised medicine and multidisciplinary strategies; to explain consolidated knowledge on advanced diagnostic precision through emerging technologies like artificial intelligence and liquid biopsy, while ensuring transparency and patient trust in digital tools; to describe novel therapeutic strategies that target the pleural tumour microenvironment, emphasising collaborative translational research and patient-derived models; to explore the selection of minimally invasive, patient-centred interventions that prioritise symptom control, recovery and shared decision-making.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Surgery

Tag(s) : Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Radiologist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Amanda Dandanell Juul (Odense S, Denmark), Georgia Hardavella (Athens, Greece), Rob Hallifax (Oxford (Oxfordshire), United Kingdom)

08:30	**Beyond cytology: AI-driven diagnostic algorithms for pleural malignancy** Kevin Blyth (Glasgow (Glasgow), United Kingdom)	**1154**
08:45	**Targeting the tumour microenvironment: novel immunotherapeutic approaches in mesothelioma** Arnaud Scherpereel (Lille Cedex, France)	**1155**
09:00	**Liquid biopsy in pleural disease: a new frontier for monitoring and prognostication** Joanna Chorostowska-Wynimko (Warsaw, Poland)	**1156**
09:15	**Minimally invasive interventions for symptom control: from indwelling catheters to robotic pleurectomy** Najib M. Rahman (Oxford, United Kingdom)	**1157**
09:30	**Discussion and Q&A** All speakers	**1158**

Studio — Session 93 — 09:00 - 10:30

Deep Dive: When systems break: building resilience in respiratory care under pressure

Aims : To examine how health systems respond to periods of pressure and disruption; to explore strategies for strengthening resilience in respiratory care through effective clinical decision-making, policy development, digital innovation, global learning and patient-centred approaches.

Tag(s) : Clinical

Chairs : Job F.M. van Boven (Groningen, Netherlands), Anita Simonds (London, United Kingdom)

09:00	**Clinical trade-offs under pressure: what is lost when systems prioritise acute response?** Job F.M. van Boven (Groningen, Netherlands)	**1160**
09:12	**Decision-making under uncertainty: how policy shapes system resilience** Ricardo Baptista Leite (Lisboa, Portugal)	**1161**
09:24	**Digital transformation: resilience or amplification of inequality?** Vitalii Poberezhets (Vinnytsia, Ukraine)	**1162**
09:36	**System resilience at the global level: lessons from past and ongoing crises** Askar Yedilbayev (Almaty, Kazakhstan)	**1163**
09:48	**Discussion and Q&A** All speakers	**1165**

3.11 — Session 94 — 09:00 - 11:20

Skills workshop: SW2 SW2: Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion – €

Additional registration is required for this session

Aims : To build the technical expertise needed to perform spirometry, whole-body plethysmography and diffusion tests according to both best practice and the latest recommendations supported by experts in the field; to explain the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and the diffusion capacity of the lungs; to explore the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases | Paediatric respiratory diseases

Method(s) : Physiology | Pulmonary function testing

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Paediatrician, Physician in Pulmonary Training, Physiologist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands)

09:00	**Performing spirometry** Michael Beaven (Perth (WA), Australia)	**1166**
09:00	**Standardised static lung volume measurement and airways resistance using whole body plethysmography** Vicky Moore (Coventry, United Kingdom)	**1167**
09:00	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Miranda Sam - Spitteler (Zwolle, Netherlands)	**1168**
09:00	**Reporting and interpretation of case studies** Karl P Sylvester (Cambridge (Cambridgeshire), United Kingdom)	**1169**

3G — Session 96 — 09:30 - 10:45

Oral presentation: Vibrations for life: advances in thoracic ultrasound

Disease(s) : Thoracic oncology | Respiratory critical care | Sleep and breathing disorders | Interstitial lung diseases | Airway diseases

Method(s) : Imaging | Respiratory intensive care | General respiratory patient care | Epidemiology | Endoscopy and interventional pulmonology

Tag(s) : Clinical

Chairs : Søren Helbo Skaarup (Aarhus C, Denmark), Wytze de Boer (Zwolle, Netherlands)

09:30	**Late Breaking Abstract - Area under diaphragmatic excursion (AUDE) as a new index of ventilatory function** Santos Ferrer Espinosa (Valencia, Spain), Andres Vales, Jesus Sancho, Jaime Signes-Costa	**OA1174**

09:35	**Combined Contrast-Enhanced Ultrasound and Shear Wave Elastography in Advanced Diagnostic Work-up of Lung Cancer** Christian Kildegaard (Odense, Denmark), Arman Arshad, Ole Graumann, Amanda D. Juul, Casper Falster, Dinesh Addala, Tai Joon An, Jesper Rømhild Davidsen, Christian B. Laursen	**OA1175**
09:40	**Baseline lung ultrasound B-lines identify rheumatoid arthritis patients at risk for interstitial lung disease** Tine Follet (Steenokkerzeel, Belgium), Marie Vermant, Kenny Anseele, Marieke De Rooy, Nathalie Veyt, Furkan Karadag, Stefan Gogaert, Marianne Carlon, Nico De Crem, Bart Vanaudenaerde, Catharina Belge, Laurens J. De Sadeleer, Alexandros Kalkanis, Patrick Verschueren, Wim A. Wuyts	**OA1176**
09:45	**Lung ultrasound in children with primary ciliary dyskinesia: Is it able to detect structural and functional impairments?** IŞIL BİLGİÇ (ANKARA, Türkiye), Meltam Kürtül Çakar, Gamze Akça Dinç, Ayyüce Ünlü, Hande Yetişgin, Çelebi Yıldırım, Sanem Eryılmaz Polat, Dilber Ademhan Tural, Gökçen Dilşa Tuğcu, GÜzin Cinel	**OA1177**
09:50	**Added diagnostic value of routine rapid on-site cytological evaluation in shear-wave elastography–guided biopsy: a prospective cohort** Yao-Wen Kuo (Taipei City, Taiwan), Yen-Lin Chen, Hao-Chien Wang	**OA1178**
09:55	**Quantitative Pleural Stiffness by Shear-Wave Elastography for Differentiating Malignant from Benign Pleural Lesions** Yenlin Chen (Taipei, Taiwan), Hao-Chien Wang, Yao-Wen Kuo	**OA1179**
10:00	**Thoracic ultrasound to rule-out pneumothorax after transthoracic lung biopsy.** Jacob Agerbo Thomsen (Aarhus C, Denmark), Niels Christensen, Søren Helbo Skaarup	**OA1180**
10:05	**Late Breaking Abstract - Diagnostic performance of virtual bronchoscopic navigation (VBN) versus lung ultrasound (LUS) and contrast-enhanced ultrasound (CEUS)-guided transthoracic biopsy in peripheral lung lesions: single-centre preliminary results** Aleksandra Bełz- Ciszewska (Katowice, Poland), Iwona Patyk, Agnieszka Stachowicz-Karpińska, Maciej Brudnoch, Marcin Mikoś	**OA1181**
10:10	**Preliminary analysis of a diaphragmatic ultrasound project in patients with Amyotrophic Lateral Sclerosis** Carlos Carrera Cueva (Sevilla, Spain), Julia Rodríguez Medina, Esther De Benito Zorrero, Rafael Rivilla Rivilla, María Oliva Artillo, Candelaria Caballero Eraso	**OA1182**
10:15	**Two-dimensional pulmonary shear-wave elastography for interstitial lung disease assessment: a prospective study** Giacomo Giulianelli (Padova, Italy), Elisabetta Cocconcelli, Riccardo Pavan, Giorgio Vecchio, Paolo Spagnolo, Elisabetta Balestro	**OA1183**
10:20	**Discussion and Q&A** All speakers	**OA1184**

3H Session 97 09:30 - 10:45

Oral presentation: Multiscale insights into molecular mechanisms of lung disease

Disease(s) : Pulmonary vascular diseases | Airway diseases | Interstitial lung diseases | Thoracic oncology

Method(s) : Cell and molecular biology Imaging Physiology

Tag(s) : Basic science, Clinical

Chairs : Olivier Burgy (Dijon, France), Sukhwinder Sohal (Melbourne, Australia)

09:30	**Late Breaking Abstract - Glutamate Metabolism Orchestrates Mucociliary Clearance and Mucus Plugging in COPD** Zhi Chen (Guangzhou, China), Chen Li, Fan Wu, Haiqing Li, Mingyue Fan, Wenjun Wang, Xiaojing Yang, Linbo Liu, Zuodong Ye, Yumin Zhou, Pixin Ran, Wenxiang Hu, Lei Wang	**OA1185**
09:35	**Unsupervised blood transcriptomics profiling reveals distinct systemic endotypes in bronchiectasis: Insights from the EMBARC-BRIDGE Study** Taner Arslan (Parma, Italy), Rui Benfeitas, Mirco Govoni, Merete B. Long, Oriol Sibila, Rebecca Hull, Chloe Hughes, Eva Polverino, Michael Loebinger, Felix C. Ringshausen, Natalie Lorent, Francesco Blasi, Adelina Amorim, Josje Altenburg, Raja Dhar, Sanjay H. Chotirmall, Arietta Spinou, Michal Shteinberg, Pieter Goeminne, Anthony De Soyza, Amelia Shoemark, Charles Haworth, Stefano Aliberti, James D. Chalmers	**OA1186**

09:40	**Gene expression signatures of usual interstitial pneumonia radiologic features in idiopathic pulmonary fibrosis lung tissue** Samin Abbasidezfouli (Vancouver, Canada), Chen Xi Yang, Stacey Ledoux, Joel D. Cooper, James C. Hogg, Dragos M. Vasilescu, Gillian C. Goobie, Tillie-Louise Hackett	**OA1187**
09:45	**Prenatal Onset of Cystic Fibrosis Lung Disease Revealed by Spatial and Single-Cell Transcriptomics** Amy Wong (Toronto, Canada), Kayshani Kanagarajah, Timothy Lam, Henry Quach, Yuetong Song, Joseph Wai-Hin Leung, Theo Moraes	**OA1188**
09:50	**Capillary endothelial dysfunction precedes airflow obstruction in emphysematous pre-COPD** Hanne Voet (Wilrijk, Belgium), Deepesh Dhakad, Lea Theilacker, Jeroen M.H. Hendriks, Wen Wen, Anne Sieben, Annemieke Smet, Annemiek Snoeckx, Tom M. Conlon, Thérèse Lapperre, Ali Önder Yildirim, Stijn E. Verleden	**OA1189**
09:55	**Targeting Mitochondria–ER Contact Integrity with MOTS-c Protects Against Cigarette Smoke–Driven Skeletal Muscle Dysfunction** Zilin Wang (Beijing, China), Mingming Deng, Gang Hou	**OA1190**
10:00	**Platelet-Derived Cathepsin G/MMP9-Mediated PAR1 Activation Governs Thrombolysis in Chronic Thromboembolic Pulmonary Hypertension** Lu Sun (Beijing, China), Min Liu, Yaqian Zhang, Xincheng Li, Wanmu Xie, Shiqing Xu, Ran Miao, Peiran Yang, Zhenguo Zhai	**OA1191**
10:10	**AI-based analysis of lung (tumor) tissue metrics in 4D higher harmonic generation microscopy images** Naomi Esmee Duits (Amsterdam, Netherlands), Annemiek Dijkhuis, Yuanyuan Ma, Hevi Mahmoud, Dajo Spierenburg, Martijn van Dorp, Chris Dickhoff, Jouke Annema, Jan Willem Duitman, Marie Louise Groot	**OA1193**
10:15	**Expression of immunoproteasome in tumor infiltrating lymphocytes as a predictor of overall survival in NSCLC** Jia-qi Wang (Borstel, Germany), Christian Rosero, Martin Martin Reck, Christian Kugler, Torsten Goldmann, Silke Meiners, Sebastian Marwitz	**OA1194**
10:20	**Discussion and Q&A** All speakers	**OA1195**

3I Session 98 09:30 - 10:45

Oral presentation: Advances in acute respiratory distress syndrome and acute lung injury

Disease(s) : Respiratory critical care

Method(s) : Respiratory intensive care Cell and molecular biology Physiology Imaging

Tag(s) : Clinical, Translational

Chairs : Ana Cysneiros (Lisboa, Portugal), Joanna Luk-Ping Lam (Hong Kong, Hong Kong)

09:30	**Late Breaking Abstract - Combined Aerosolized Budesonide and Formoterol for Hospitalized Patients with Pneumonia and Hypoxemia: The Arrest Respiratory Failure due to Pneumonia (ARREST) Multicenter Randomized Controlled Trial** Emir Festic (Jacksonville, United States), Joseph Levitt, Haley Haley Hedlin, Angela J Rogers, Victoria Ding, Justin Lee, Di Lu, Kenneth W Mahaffey, Ognjen Gajic, Michael A Matthay, Jennefer G Wilson, Christian Bime, Nina Gentile, Yewande Odeyemi, Rodrigo Cartin-Ceba, William Checkley, David A Kaufman, Joshua L Denson, Kami Hu, Marie-Carmelle Elie, Rosemary Vojnik, Manisha Desai	**OA1196**
09:35	**A six-protein signature for precision ventilation strategy selection and dynamic prognostic monitoring in acute respiratory distress syndrome** Shengnan Hu (Beijing, China), Ruoyi Shen, Xirui Jing, Xu Huang, Jingen Xia, Qingyuan Zhan	**OA1197**
09:40	**Comparison of thoracic and abdominal sarcopenia in patients with severe respiratory failure requiring veno-venous extracorporeal membrane oxygenation** Christoph Fisser (Donaustauf, Germany), Susan Cheikh-Mohamad, Stefan Aust, Clemens Wiest, Alexander Dietl, Dirk Lunz, Maik Foltan, Alois Philipp, Matthias Lubnow, Thomas Müller, Tobias Robold	**OA1198**
09:45	**Comparison of Quantitative CT (QCT) Functional Parameters with Global Oscillatory Mechanics and Gas exchange in a Rabbit Model of Ventilator-Induced Lung Injury (VILI)** Roberta Südy (Geneva, Switzerland), Ines Riesenkonig, Gergely Albu, Vicente Estopier Castillo, Almos Schranz, Nicolas Terzi, Claude Guerin, Sam Bayat	**OA1199**

09:50	**Intestinal fatty acid-binding protein (I-FABP) at ICU admission as early biomarker of intestinal injury and predictor of mortality in septic shock and ARDS** Thorben Pape (Hannover, Germany), Pedro David Wendel-Garcia, Nina Rittgerodt, Bahar Nalbant, Jan Hinrichs, Lena S. Becker, Anna M. Hunkemoeller, Jakob Raith, Soeren K.J. Boblitz, Jannik Ruwisch, Pia-Victoria Fangmann, Heiner Wedemeyer, Marius M. Hoeper, Christian Bode, Sascha David, Klaus Stahl, Benjamin Seeliger	**OA1200**
09:55	**Multi-Omics Endotyping of Acute Respiratory Distress Syndrome to Deconstructing Heterogeneity: A Multi-Center Prospective Study** Shunyu Yu (Beijing, China), Ruoyi Shen, Jingen Xia, Qingyuan Zhan	**OA1201**
10:00	**Longitudinal ventilatory ratio subphenotyping and treatment heterogeneity in patients with acute respiratory distress syndrome** Xirui Jing (Beijing, China), Yu Bai, Cheng Tao, Yi-Jie Liu, Xiaoyi Zhou, Nafei Li, Xu Huang, Jingen Xia, Qingyuan Zhan	**OA1202**
10:05	**Multicenter prospective lung multi-omics identifies treatable traits among patients with corticosteroid-responsive acute respiratory distress syndrome** Yanan Zhou (shanghai, China), Yuanlin Song	**OA1203**
10:10	**Non-canonical role of FBXO6 in regulating macrophages activation in sepsis-induced acute lung injury via K63-linked ubiquitination of PPM1D** Chao Cao (Ningbo, China), Mengyuan Cen	**OA1204**
10:15	**Peptide-Engineered Exosomes for Lung-Targeted Delivery of miR-1179 Suppress HMGB1-Mediated Inflammation in ARDS** Xue Mingshan (Guangzhou, China), Li Shaoqiang, Hakonarson Hakon, Qu Huiqi, J. Cheng Zhangkai, Liao Huizhao, Lin Zhiwei	**OA1205**
10:20	**Discussion and Q&A** All speakers	**OA1206**

3J Session 99 09:30 - 10:45

Oral presentation: Innovations and emerging challenges in tuberculosis and mycobacterial diseases

Method(s) : Public health Epidemiology General respiratory patient care Cell and molecular biology Imaging

Tag(s) : Clinical

Chairs : Olha Konstantynovska (Kharkiv, Ukraine), Margareth Maria Pretti Dalcolmo (Rio De Janeiro (RJ), Brazil)

09:30	**Late Breaking Abstract - Microbiologic outcomes and recurrence in patients with newly diagnosed Mycobacterium avium complex lung disease (MACLD) in the phase 3b ENCORE trial** Jakko van Ingen (Nijmegen, Netherlands), Eva Van Braeckel, Jia-Yih Feng, Lucy Morgan, Charles L. Daley, Patrick A. Flume, Michael R. Loebinger, James D. Chalmers, Daniel May, Pan Wu, Marie-Laure Nevoret, Dayton W. Yuen	**OA1207**
09:35	**Social and health factors associated with postmortem diagnosis of tuberculosis in England: a national, retrospective cohort study** Eleanor Morgan (manchester, United Kingdom), Paul Cleary, Tom Wingfield	**OA1208**
09:40	**A simple diagnostic algorithm for post-tuberculosis lung disease in resource-limited settings. Preliminary results from a Ugandan cohort** Edwin Nuwagira (Mbarara, Uganda), Stellah G. Mpagama, Mike Ssemusu, Bobson Natamba, Peggy S. Lai	**OA1209**
09:45	**MDR/RR-TB treatment failure and emerging drug-resistance in Ukraine** Olha Konstantynovska (Kharkiv, Ukraine), Tetiana Synenko, Svitlana Tiahlo, Petro Poteiko	**OA1210**
09:50	**IFN-γ responses and haematological inflammatory markers across PET-CT-defined TB infection phenotypes: a prospective cohort study in household pulmonary TB contacts.** Jee Whang Kim (Leicester, United Kingdom), Anver Kamil, Joanne Lee, Ismail Novsarka, William Branchett, Anne O'Garra, Pranabashis Haldar	**OA1211**
09:55	**Innovative Strategy for Pediatric Tuberculosis Diagnosis: Benchtop Nuclear Magnetic Resonance Metabolic Fingerprinting** Pilar Alonso-Moreno, Andrea López-Suárez, Patricia Comella del Barrio, Naiara Apaolaza, Paula Rodríguez-Molino, Daniel Blázquez-Gamero, Sonia Rodríguez-Martín, Jara Hurtado-Gallego, Talía Sainz-Costa, Begoña Santiago-García, José Luis Izquierdo-García	**OA1212**

10:00	**Ultrasensitive Colorimetric Sensing System via Medical-engineering Integration: Rapid, High-sensitivity Detection of Mycobacterium Tuberculosis Antigens in Non-sputum Specimens and Clinical Diagnostic Validation for Tuberculosis** Yuhan Chen (Chongqing, China), Shuliang Guo	**OA1213**
10:05	**Immunophenotyping by Flow Cytometry of Pleural Fluid: Cellular Characterization and Diagnostic Perspectives in Pleural Tuberculosis** Raphael Freitas Jaber De Oliveira (Rio de Janeiro / RJ, Brazil), Matheus Alexandre Barros Braga Raposo, Daniella Monteiro Rebello, Roberto Stefan de Almeida Ribeiro, Fabricio da Mota Ramalho Costa1, Maluah Tostes, Vinicius da Cunha Lisboa, Thiago Thomaz Mafort, Luciana Rodrigues	**OA1214**
10:10	**Clinical Phenotypes and Mortality of Nontuberculous Mycobacterial Bacteremia in a Respiratory Context: A Multicenter Study in Taiwan.** Chih Jung Chang (Taipei, Taiwan), Sheng Wei Pan, Chin Chung Shu, Shang Yi Lin, Chih Wei Liang, Chia Jung Liu, Wei Fan Ou, Chih Bin Lin, Jia Yih Feng, Yu Tsung Huang*, Wei Chang Huang*	**OA1215**
10:15	**Inhaled Hypertonic Saline in Nontuberculous Mycobacterial Lung Disease: Clinical Outcomes and Translational Evidence** Sheng-Wei Pan (Taipei, Taiwan), I-Hua Chen, Chih-Jung Chang, Jia-Yih Feng	**OA1216**
10:20	**Discussion and Q&A** All speakers	**OA1217**

3K Session 100 09:30 - 10:45

Oral presentation: Clinical outcomes in pulmonary hypertension: treatment responses and survival

Disease(s) : Pulmonary vascular diseases

Method(s) : General respiratory patient care Epidemiology Physiology Cell and molecular biology Pulmonary function testing Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Robin Condliffe (Sheffield (South Yorkshire), United Kingdom), Athénaïs Boucly (Le Kremlin-Bicêtre, France)

09:30	**Late Breaking Abstract - Clinical improvement with ralinepag in a contemporary pulmonary arterial hypertension population: Insights from the ADVANCE Outcomes study** Marc Humbert (Le Kremlin-Bicêtre, France), Derek Solum, Ali Ataya, Joan Barbera, Gisela Bohns Meyer, Cristian Edgardo Botta, Colin Church, Jean Elwing, John Feenstra, Patricia George, Sung-A Chang, Ting Ting Low, Zeenat Safdar, Dana Cella, Chunqin Deng, David Yehle, Victoria Lacasse, Leigh Peterson, Vallerie McLaughlin	**OA1218**
09:35	**Long-term sotatercept in pulmonary arterial hypertension (PAH): an update from all completed studies and follow-up in SOTERIA** Ioana R. Preston (Burlington, United States), Howard M. Julien, David Badesch, Hossein-Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Marius M. Hoeper, Vallerie V. McLaughlin, Rogerio Souza, Aaron B. Waxman, Harald S. Mackenzie, Jianxin Lin, Wei Fu, Yaru Shi, Barry Miller, Loïc Perchenet, Maria José Loureiro, Marc Humbert	**OA1219**
09:40	**Treatment response to sotatercept within 1 year of diagnosis of pulmonary arterial hypertension: subgroup analysis by cardiometabolic comorbidity burden** Vallerie V. McLaughlin (Ann Arbor, United States), Michela Brambatti, David Badesch, Aaron B. Waxman, Hossein-Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Marc Humbert, Ioana R. Preston, Rogerio Souza, Yaru Shi, Chih-Chin Liu, Alexandra G. Cornell, Marius M. Hoeper	**OA1220**
09:45	**Specific BMPR2 variants may predict response to sotatercept in patients with heritable pulmonary arterial hypertension** Jan-Christopher Kamp (Hannover, Germany), Julia Rückoldt, Christina Eichstaedt, Ruth Olmer, Aileen Schmidt, Ulrich Martin, Da-Hee Park, Jan Fuge, Marius M. Hoeper, Karen M. Olsson	**OA1221**
09:50	**Effect of time from diagnosis to parenteral prostacyclin initiation on risk profile in Pulmonary Arterial Hypertension: a nationwide registry analysis** Athénaïs Boucly (Le Kremlin-Bicêtre, France), Laurent Savale, Xavier Jaïs, Sabina Solinas, Mitja Jevnikar, Thomas Lacoste, Laurence Rottat, Marc Humbert, David Montani, Olivier Sitbon	**OA1222**
09:55	**The survival discrepancy between Pulmonary Arterial Hypertension patients eligible for clinical trials and clinical reality** Eckart de Bie (Cambridge, United Kingdom), Rowena Jones, Jason Weatherald, David Kiely, Alexander Rothman, United Kingdom PAH Cohort consortium, Chris Wallace, Mark Toshner	**OA1223**

10:00	**Patient-centered outcomes and clinical severity in pulmonary arterial hypertension: a multicenter analysis from the OPENLINE study** Ilma Nascimento (São Paulo (SP), Brazil), Daniel Waetge, Virginia Pacheco, Daniela Tannus-Silva, Nathali Mireirese, Veronica Amado, Felipe Melo, Adriano Mendes, Nathalia Rossetto, Isabela Cauzzo, Gabriella Carvalho, Rodrigo Scabello, Felipe Sanches, Jose Leonidas Alves-Jr, William Salibe-Filho, Mario Terra-Filho, Carlos Jardim, Rogerio Souza, Caio Fernandes	**OA1224**
10:05	**Cardiopulmonary exercise phenotyping of idiopathic pulmonary arterial hypertension with a lung phenotype vs Group III pulmonary hypertension and classical IPAH** Federica De Filippi (London, United Kingdom), Andrea Baccelli, Francesco Lo Giudice, Rachel J Davies, Gulammehdi Haji, Michele Mondoni, Luke S Howard	**OA1225**
10:10	**The Pulmonary Arterial Wedge Pressure to Cardiac Output Slope Is Strongly Dependent on Age and Sex – Results from an ERS Clinical Research Collaboration** Katarina Zeder (North Bethesda, United States), Alexander Avian, Rogerio Souza, Nazzareno Galie, Rajeev Malhotra, Ekkehard Gruenig, Benjamin Egenlauf, Ralf Ewert, Alexander Heine, Brian A Houston, Vishal N Rao, Krzysztof Kasperowicz, Marcin Kurzyna, Stephan Rosenkranz, Simon Herkenrath, Joan Albert Barbera, Isabel Blanco, Rudolf K F Oliveira, Mads J Andersen, David Systrom, Khodr Tello, Robin Condliffe, Susanna Mak, Claudia Baratto, Steven Hsu, Michele D'Alto, Colm McCabe, Philippe Herve, Laurent Savale, Horst Olschewski, Julian Mueller, Silvia Ulrich, Anton Vonk Noordegraaf, Bradley A Maron, Marc Humbert, Ryan Tedford, Gregory D Lewis, Gabor Kovacs	**OA1226**
10:15	**Multimodal investigation of the association between bevacizumab and pulmonary arterial hypertension** Simon Valentin (Nancy, France), Alex Hlavaty, Coline Brossat, Marie-Camille Chaumais, Elise Artaud-Macari, Pierre Mauran, Arnaud Maurac, Laurent Savale, Olivier Sitbon, Marc Humbert, Ari Chaouat, Charles Khouri, David Montani	**OA1227**
10:20	**Discussion and Q&A** All speakers	**OA1228**

Outside Congress centre — Session — 10:00 - 10:40

Public: Launch of the HLfL Public event at the Placa de la Universitat

Chairs : Dimitris Kontopidis (ATHENS, Greece), Rosa Faner (Barcelona, Spain), Chair to be confirmed

Outside Congress centre — Session 101 — 10:00 - 17:00

Public: Healthy Lungs for Life Public event

Aims : Public spirometry event to raise awareness of the importance of good lung health.

Chairs : Katherine Wylie (Ixelles, Belgium)

1A — Session 102 — 10:15 - 11:45

Clinical cases: Lungs on fire: Airway diseases

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Airway diseases

Tag(s) : Clinical

Chairs : Marc Miravitlles (Barcelona, Spain), Matteo Bonini (Rome, Italy), Mona Al-Ahmad (Kuwait City, Kuwait)

Discussants : Arzu Yorgancıoğlu (İzmir, Türkiye), Omar S. Usmani (London, United Kingdom)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: J. Johnson (United Kingdom)** Arzu Yorgancıoğlu (İzmir, Türkiye)	**1229**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: K. Bansal (United Kingdom)** Omar S. Usmani (London, United Kingdom)	**1230**
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: J. Luo (China)** Arzu Yorgancıoğlu (İzmir, Türkiye)	**1231**
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: S. Çakmakcı Karakaya (Türkiye)** Omar S. Usmani (London, United Kingdom)	**1232**

3L Session 103 10:15 - 11:45

Journal session: The best of the European Respiratory Journal 2026

Aims : To describe the latest clinical and translational research developments published in the European Respiratory Journal across four key topics, presented by the section editors or associate editors of the journal.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Clinical, Global reach

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Patient, Scientist (basic, translational)

Chairs : Donald Sin (Vancouver (BC), Canada), Guido Marchi (Pisa, Italy), Zuzana Diamant (Groningen, Netherlands)

10:15	**The best of the European Respiratory Journal: airway disease, incl. discussion and Q&A** Dave Singh (Manchester, United Kingdom)	**1233**
10:37	**The best of the European Respiratory Journal: respiratory infections, incl. discussion and Q&A** Stefano Aliberti (Milano (MI), Italy)	**1234**
10:59	**The best of the European Respiratory Journal: translational science, incl. discussion and Q&A** Silke Meiners (Sülfeld, Germany)	**1235**
11:21	**The best of the European Respiratory Journal: interstitial lung disease, incl. discussion and Q&A** Louise Wain (Leicester (Leicestershire), United Kingdom)	**1236**

3B Session 104 10:15 - 11:45

Year in review: Paediatrics

Aims : To provide an update on four key areas of paediatric respiratory medicine: (1) paediatric sleep medicine, an increasingly important component of respiratory care, (2) the potential to prevent wheezing and asthma episodes by immunomodulation, (3) the rapidly evolving understanding of the impact of the airway metagenome on paediatric respiratory diseases and (4) the contemporary management of children with cystic fibrosis receiving highly effective cystic fibrosis transmembrane conductance regulator modulator therapies; to highlight the most recent and clinically relevant literature and developments in each of these fields.

Disease(s) : Paediatric respiratory diseases | Respiratory infections | Sleep and breathing disorders

Method(s) : Epidemiology Imaging Pulmonary function testing

Tag(s) : Clinical, Translational , Global reach, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Paediatrician, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : David Lo (Leicester, United Kingdom), Elias Seidl (Zurich, Switzerland), Marijke Proesmans (Leuven, Belgium)

10:15	**What is new in paediatric sleep medicine?** Laurianne Coutier (Bron, France)	**1237**
10:30	**Bacterial-derived immunomodulators as a preventive strategy for viral respiratory tract infections and associated wheezing or asthma in children** Manuel Soto Martínez (San José, Costa Rica)	**1238**
10:45	**The impact of the metagenome on paediatric airway disease** Ruth Steinberg (Bern, Switzerland)	**1239**
11:00	**What has changed in the respiratory management of children and adolescents with CF under highly effective CFTR modulator therapy** Uros Krivec (Ljubljana, Slovenia)	**1240**
11:15	**Discussion and Q&A** All speakers	**1241**

3C Session 105 10:15 - 11:45

Hot topics: Telomere biology disorders and interstitial lung diseases: within and beyond the lungs

Precision medicine in the diagnosis and management of telomere biology disorders

Aims : To provide a multidisciplinary overview of telomere biology disorders and their clinical manifestations across different organ systems; to review increasing evidence that demonstrates that pathogenic variants affecting telomere maintenance are a major cause of familial and sporadic fibrotic interstitial lung disease and are frequently associated with extrapulmonary manifestations, including bone marrow failure and liver disease; to explore the clinical implications of short telomere syndromes from three complementary perspectives: haematology, hepatology and lung transplantation; to give experts from each field the opportunity to discuss the pathophysiology, clinical presentation and management challenges associated with telomere-mediated disease, with particular emphasis on implications for diagnosis, risk stratification and treatment decisions; to improve recognition of telomere biology disorders in patients with pulmonary fibrosis and highlight the importance of multidisciplinary management by integrating perspectives across specialties.

Disease(s) : Interstitial lung diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | General respiratory patient care | Transplantation

Tag(s) : Basic science, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist, Pharmacist

Chairs : Athina Trachalaki (London, United Kingdom), Antoine Froidure (Bruxelles, Belgium), Raphaël Borie (Paris, France)

10:15	**Interstitial lung disease: familial pulmonary fibrosis and short telomeres – when should we suspect a telomere biology disorder?** Pilar Rivera Ortega (Exeter, United Kingdom)	**1242**
11:00	**Short telomeres and lung transplantation: risk assessment and management** Merel Hellemons (Rotterdam, Netherlands)	**1245**
10:30	**Bone Marrow Failure - Short Telomeres the Haematologist's Perspective** Julia Montoro (Barcelona, Spain)	**1243**
10:45	**Liver Disease - What Respiratory Physicians Should Know linked to Telomere Biolog** Theo Heller (Bethesda, United States)	**1244**
11:15	**Discussion and Q&A** All speakers	**1246**

3D Session 106 10:15 - 11:45

Mini symposium: Overcoming challenges in patient and public involvement in developing healthcare interventions

Experiences of different stakeholder groups and in different contexts

Aims : To equip healthcare professionals and researchers with a comprehensive understanding of how to overcome challenges in including patients and other stakeholders in the development of healthcare interventions; to better prepare participants to deal with such challenges and start up their own participatory development work; to provide examples of including several different stakeholder groups and contexts to enhance diversity.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Palliative care | Pulmonary rehabilitation

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Respiratory therapist, Journalist

Chairs : Mathieu Marillier (Echirolles, France), Sara Lundell (Umea, Sweden), Jean-Michel Fourrier (Saint-Aubin-de-Medoc, France)

10:15	**Considering equity aspects in co-creation of healthcare interventions** Ben Ainsworth (Southampton (Hampshire), United Kingdom)	**1247**
10:30	**Engaging respiratory patients across ages: lessons learned from initiating youth and adult patient advisory groups** Susanne Vijverberg (Utrecht, Netherlands)	**1248**
10:45	**Building respiratory partnership in low- and middle-income countries** Siân Williams (London, United Kingdom)	**1249**
11:00	**Discussion and Q&A** All speakers	**1250**

3E Session 107 10:15 - 11:45

Mini symposium: Breathing through climate change

Current and future challenges of extreme weather events for respiratory health

Aims : To explore how climate change affects respiratory health; to discuss the increasing frequency, intensity and geographical extent of extreme weather events such as heatwaves, desert dust storms and flooding events and the impacts of these events on respiratory health and vulnerable subgroups including respiratory patients, children and elderly people.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Sustainability, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Barbara Hoffmann (Düsseldorf, Germany), Ane Johannessen (Bergen, Norway), Helen Parks (Lisburn, United Kingdom)

10:15	**Global cities: hotspots of urban heat and air pollution** Zorana Andersen (Frederiksberg, Denmark)	**1251**
10:30	**When the wind turns toxic: desert dust storms and respiratory health** Francesco Forastiere (Roma (RM), Italy)	**1252**
10:45	**From storms to floods: the respiratory health impact** Erol Gaillard (Leicester, United Kingdom)	**1253**
11:00	**Discussion and Q&A** All speakers	**1254**

3F Session 108 10:15 - 11:45

Clinical cases: Lungs on fire: Lung cancer

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Thoracic oncology

Tag(s) : Clinical

Chairs : Amanda Dandanell Juul (Odense S, Denmark), Georgia Hardavella (Athens, Greece), Rob Hallifax (Oxford (Oxfordshire), United Kingdom)

Discussants : Marjolein A. Heuvelmans (Amsterdam, Netherlands), Najib M. Rahman (Oxford, United Kingdom)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter A. Koumenis (Greece)** Marjolein A. Heuvelmans (Amsterdam, Netherlands)	**1255**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: H. U. C. Wahyudin (Indonesia)** Najib M. Rahman (Oxford, United Kingdom)	**1256**
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: A. Heitmann (United Kingdom)** Marjolein A. Heuvelmans (Amsterdam, Netherlands)	**1257**
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: V. Skordia (Greece)** Najib M. Rahman (Oxford, United Kingdom)	**1258**

3G Session 111 11:00 - 12:15

Oral presentation: Best abstracts in clinical problems

Disease(s) : Sleep and breathing disorders | Airway diseases | Interstitial lung diseases | Thoracic oncology | Pulmonary vascular diseases

Method(s) : Public health | Cell and molecular biology | Pulmonary function testing | General respiratory patient care | Imaging | Respiratory intensive care | Epidemiology

Tag(s) : Clinical

Chairs : Nicoletta R. Morelli (The Hague, Netherlands), Francois Abel (Lambton, Australia)

11:00	**Late Breaking Abstract - Metoprolol in Chronic Obstructive Pulmonary Disease without Cardiovascular Disease - a randomized controlled trial** Josefin Sundh (Örebro, Sweden), Anders Magnuson, Marika Kvarnström, Folke Sjöberg, Magnus Ekström, Johan Sanmartin Berglund, David Ellingsen, Daniel Wilhelms, Mikael Hasselgren, Sara Fristorp Cesarini, Katarina Berndtsson Blom, Anders Blomberg, Lowie Vanfleteren, Andreas Palm, Carolina Smith, Lina Renström, Jens Ellingsen, Christer Janson, Martin Lundvall, Florian Domeji, Elsa Norberg, Beatrice Larsson, Taivo Kipper, Zaky Chowdhury, Emily Jensen, Henning Stenberg, Maria Hårdstedt, Zainab Ahmadi, Kaveh Azizi, Wolfgang Greger, Scott Montgomery, Ole Fröbert	**OA1264**
11:05	**Cryptococcal Pneumonia Susceptibility in Immunocompetent Patients: Role of Pseudomonas aeruginosa via IL-2/IL-12/IL-17 Pathways** Xueling Wu (shanghai, China), Qiong Xu	**OA1265**
11:10	**Improving CPAP Acceptance and Adherence in Obstructive Sleep Apnea, the ENGAGE-CPAP initiation strategy: A Randomized Controlled Trial** Prakhar Agarwal (Bhopal (MP), India), Kirti Kadian, Mohammad Hibjullah, Deepesh Agarwal, Abhishek Goyal, Anjali Singh	**OA1266**
11:15	**Concentrations of growth differentiation factor 15 (GDF-15) in peripheral blood of asthma patients: relationship with asthma severity, lung function, exacerbation rate, and set of inflammatory and prothrombotic biomarkers.** Stanislawa Bazan-Socha (Kraków, Poland), Lucyna Mastalerz, Agnieszka Cybulska, Lech Zareba, Bogdan Jakiela, Michal Zabczyk, Teresa Iwaniec, Anetta Undas	**OA1267**
11:20	**Plasma Proteomic Profiling Identifies Pulmonary Surfactant Protein B (PSPB) as a Diagnostic Biomarker for Checkpoint Inhibitor Pneumonitis** Jia-Run Lin (Guangzhou, China), Shangwen He, Yu Yuan, Dong Yu, Jihong Huang, Wenqi Huang, Junyi Lu, Hailin Zhang, Xiaoyue Ge, Xintong Huang, Xuanchen Zhu, Meihua Li, Yaqi Mao, Fan Yang, Jiaqi Chen, Junxin Wu, Huizhe Li, Xiaocong Deng, Zhong-Kai Cui, Xiaofang Su, Yongzhong Zhan, Laiyu Liu	**OA1268**
11:25	**Within-breath respiratory oscillometry to differentiate between asthma and COPD** Lauren G. Reinders (Eindhoven, Netherlands), Lennart H Conemans, Mieke R C Crutsen, Mustafa Abdo, Sander M J van Kuijk, Hester A Gietema, Frits M E Franssen, Sami O Simons	**OA1269**
11:30	**Predicting deterioration in normotensive acute pulmonary embolism patients using clinical-imaging features: a multicenter prospective cohort study** Yizhuo Gao (Shenyang (Liaoning), China), Dong Jia	**OA1271**
11:35	**Multimorbidity patterns in chronic obstructive pulmonary disease and their associations with disease severity** Ecaterina Iavrumov (Chisinau, Republic of Moldova), Alexandru Corlateanu	**OA1272**
11:40	**Frequent COPD Exacerbations and Risk of Chronic Kidney Disease: A Nationwide Cohort Study** Anna Kubel Vognsen (Hellerup, Denmark), Frida Vilstrup, Bård-Emil Vang Gundersen, Jens Ulrik Stæhr Jensen, Pradeesh Sivapalan	**OA1273**
11:45	**The effect of ensifentrine on disease stability in patients with COPD: a post-hoc pooled analysis of the ENHANCE trials** Dave Singh (Manchester, United Kingdom), Kristi O'Donovan, Amy Dixon	**OA1270**
11:50	**Discussion and Q&A** All speakers	**OA1274**

3H Session 112 11:00 - 12:15

Oral presentation: Metabolic and vascular programmes driving lung injury, repair and fibrosis

Disease(s) : Airway diseases | Pulmonary vascular diseases | Respiratory critical care | Interstitial lung diseases

Method(s) : Cell and molecular biology | Physiology | Pulmonary function testing | Respiratory intensive care | General respiratory patient care

Tag(s) : Basic science, Clinical, Translational , Digital health

Chairs : Harry Karmouty-Quintana (Houston, United States), Celien Kuiper-Makris (Cologne, Germany)

11:00	**Late Breaking Abstract - Longitudinal lung snRNAseq uncovers premature aging signatures in the alveolar niche of mice with experimental BPD.** Celien Kuiper-Makris (Cologne, Germany), Olga Ibañez-Solé, Hsin Huang, David Meyer, Ivana Mizik, Christina Vohlen, Jan-Wilm Lackmann, Herbert Schiller, Jörg Dötsch, Björn Schumacher, Miguel Alejandre Alcázar	**OA1275**

11:05	**Gut Microbiota-Derived Trimethylamine-N-Oxide Protects Pulmonary Vascular Barrier Integrity via VAV3-Mediated Cytoskeletal Remodeling in Acute Lung Injury** Xilong Wang (Guang Zhou, China), Xin Chen, Tao Wang	**OA1276**
11:10	**The KYN-QA Metabolic Axis Exacerbates Acute Lung Injury via the NMDAR-Mediated Neuroimmune Proinflammatory Pathway** Jing Gao (Shanghai, China), Ximing Liao, Di Wu, Qiang Li, Wei Gao	**OA1277**
11:15	**A Metabolic-Epigenetic Switch via SRSF4 K95 Lactylation Reprograms SMPD1 Alternative Splicing to Drive Acute Lung Injury** Tian Jiang (Shanghai, China), Renhui Huang, Changhao Ren, Zhiwang Zhao, Dongni Hou, Jun Yin, Lijie Tan	**OA1278**
11:20	**Spaciotemporal expression of Cdh16 and the role of its lineage in lung development and alveolar regeneration** Jin-San Zhang (Quzhou, China), Jin Wu, Binqian Zhou, Yanfang Zou, Xuru Jin	**OA1279**
11:25	**LSC - 2026 - Vascular-epithelial crosstalk defines the transition from injury to repair in COPD** Cheng-Yu Wu (Giessen, Germany), Siddartha Doswada, Marija Gredic, Magdalena Wujak, Anis Cilic, Edma Loku, Janine Gote-Schniering, Janine Koepke, Christos Samakovlis, Marek Bartkuhn, Werner Seeger, Friedrich Grimminger, Hossein A. Ghofrani, Ralph T. Schermuly, Simone Kraut, Saverio Bellusci, Natascha Sommer, Norbert Weissmannn, Stefan Hadzic	**OA1280**
11:30	**REGN13335, a novel PDGF-B antagonist monoclonal antibody, for the treatment of pulmonary hypertension: Preclinical efficacy and a first-in-human phase 1 study** Isabella Del Priore (Tarrytown, United States), Laura E. Fredenburgh, Yinglin Gao, Muhammad Effendi, Luis Cheng, Ruoyu Zhang, Zhentao Tong, Robert Dingman, Weikeat Lim, Gabor Halasz, Bharathi Sundaram, Jeanne Mendell, Amit Jadhav, Vidya Xavier, Cory Sellwood, Benjamin A. Olenchock, Lori Morton	**OA1281**
11:35	**Profibrotic transcriptional signature across the pulmonary vasculature in Idiopathic Pulmonary Fibrosis independent of pulmonary hemodynamic stress** Laura Fernandez Gonzalez-Cuevas (Houston, United States), Scott A. Ochsner, Alan R. Waich Cohen, Juan D. Cala García, Juan D. Zuluaga Arciniegas, Benjamin J. Moss, Rafael E. Cárdenas Castillo, Fernando Poli, María E. Ruíz Echartea, Chao He, Neil J. McKenna, Cristian Coarfa, Ivan O. Rosas	**OA1282**
11:40	**Charting the early profibrotic alveolar niche in pulmonary fibrosis through single nucleus RNAseq of microCT-staged lung samples** Laurens De Sadeleer (Leuven, Belgium), Sai Rama Sridatta Prakki, Ahmed Agami, Lin Yang, Michaela Müller, Valentina Beliaeva, Niklas J Lang, Lukas Heumos, Arno Vanstapel, Birgit Weynand, Furkan Karadag, Emanuela Cortesi, Nico De Crem, Catharina Belge, Bart Vanaudenaerde, Marianne S. Carlon, Fabian J Theis, Malte Lücken, Herbert B Schiller, Wim A Wuyts	**OA1283**
11:45	**Single-cell profiling of diagnostic-stage IPF airway mucosa reveals saracatinib as a potent modulator of epithelial and mesenchymal programs** Robert Lorenz Chua (Berlin, Germany), Carmen Veith, Marc A. Schneider, Katharina Jechow, Gelsomina Kaufhold, Said Alkildani, Michelle Wild, Alexander Sudy, Elizabeth Chang Xu, Michael Kreuter, Agnes W. Boots, Roland Eils, Nicolas C. Kahn, Christian Conrad	**OA1284**
11:50	**Discussion and Q&A** All speakers	**OA1285**

3I Session 113 11:00 - 12:15

Oral presentation: Preventing exacerbations and achieving clinical stability in airway diseases

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care

Tag(s) : Clinical, Translational

Chairs : Alexander Mathioudakis (Manchester, United Kingdom), Hye Yun Park (Seoul, Republic of Korea)

11:00	**Modelling predictive characteristics for disease stability in COPD: IMPACT post hoc analysis** Dave Singh (Manchester, United Kingdom), Rianne Stacey, Jodie Crawford, Valentina Di Boscio, MeiLan K Han	**OA1292**
11:05	**Twice-yearly depemokimab maintains clinically meaningful response over 2 years in patients with uncontrolled asthma symptoms at baseline: Responder analysis of the integrated SWIFT/AGILE studies** Ian D. Pavord (Oxford, United Kingdom), Geoffrey Chupp, David J Jackson, Claire Tacon, Diana Jarreta, Richard Forth, Daniel J Jackson	**OA1286**

11:10	**Twice-yearly depemokimab improved symptoms and HRQoL in patients with baseline SNOT-22 score ≥40: Data from ANCHOR-1/-2** Joaquim Mullol Miret (Barcelona, Catalonia, Spain), Isam Alobid, Giancarlo Ottaviano, Oliver Pfaar, Sietze Reitsma, Ludger Klimek, Richard Follows, Lee Tombs, Stefanie Kolterer, Laura Walrave, Philippe Gevaert	**OA1287**
11:15	**Predictors of relapse at 24 months among International Severe Asthma Registry patients in remission after 12 months on biologics** Fco.De Borja Garcia-Cosio Piqueras (Palma de Mallorca, Spain), Nikolaos Papadopoulos, William Oswald, Giuseppe Guida, Susanne Hansen, Simon Couillard, Paul Pfeffer, Takashi Iwanaga, Nicholas Chapman, Libardo Jiménez-Maldonado, Yi-Han Hsiao, Ulises García-Ramírez, Yahya Habis, Sverre Lehmann, Stelios Loukides, Mariko Koh, Chin Kook Rhee, Anna Qiu, Paulo Pitrez, George Christoff, Patrick Mitchell, Mona Al-Ahmad, Cláudia Loureiro, Bassam Mahboub, María Franchi, Renaud Louis, Alan Altraja, Sundeep Salvi, Richard Costello, Piotr Kuna, Ivan Cherrez-Ojeda, Lauri Lehtimäki, Camille Taillé, Christian Taube, Veronika Müller, Dóra Lúdvíksdóttir, Stephen Tilley, Maarten van den Berge, Olivier Chambenoit, Lakmini Bulathsinhala, John Busby, Ghislaine Scelo, Luis Perez-de-Llano, David Price	**OA1288**
11:20	**The efficacy of astegolimab on COPD hospitalisations: Data from the Phase IIb ALIENTO and Phase III ARNASA trials** MeiLan K. Han (Ann Arbor, United States), Jadwiga A. Wedzicha, Claus F. Vogelmeier, Ruth Tal-Singer, Christopher Brightling, Alberto Papi, Nicolas Roche, Charlotte E. Bolton, Bartolome Celli, Divya Mohan, Seema Datta, Katerina Samara, Chanjuan Lin, Peter Calverley, Alvar Agusti	**OA1289**
11:25	**Effect of tezepelumab versus placebo on exacerbation-related systemic corticosteroid use and COPD-related healthcare utilization over time in patients with moderate to very severe COPD with elevated blood eosinophil counts (COURSE)** Gerard J. Criner (Philadelphia, PA, United States), Dave Singh, Diego J. Maselli, Geoffrey L. Chupp, MeiLan K. Han, M. Bradley Drummond, Paola Scrigner, Christopher S. Ambrose, Nestor A. Molfino, Sandhia S. Ponnarambil	**OA1290**
11:30	**Disease Control and Stability in COPD Patients with Moderate and Severe Airflow Obstruction Treated with Extrafine Dry Powder Inhaler Beclometasone Dipropionate, Formoterol, and Glycopyrronium** Samuel Genzor (Olomouc, Czech Republic), Rossen Petkov, Matevz Harlander, Petra Salamunova, Ildiko Horvath	**OA1291**
11:35	**Effect of maintenance macrolide de-escalation during the Australian summer on exacerbations of obstructive airway diseases: a randomised, double-blind, placebo-controlled trial** Dennis Thomas (Newcastle, Australia), Vanessa McDonald, Peter Wark, Shyamala Pradeepan, Scott Twaddell, Andrew Gillman, Mark Hew, Eve Denton, Joy Lee, Jimmy Chien, Madeleine Hinwood, Erin Harvey, Gijo Thomas, Amber Smith, David Arnold, Peter Gibson	**OA1293**
11:40	**Low-Dose Azithromycin for the Prevention of Exacerbations in Severe Chronic Obstructive Pulmonary Disease (A multicenter RCT - COPERNICOS TRIAL)** Pradeesh Sivapalan (Gentofte, Denmark), Christian Rønn, Louise Toennesen, Anna Kubel Vognsen, Parisa Eizadi, Imane Achir, Christian Heerfordt, Søren Sperling, Josefin Eklöf, Bård-Emil Vang Gundersen, Christian Søborg, Charlotte Hyldgaard, Vesna Dzajic, Sofie Lock Johansson, Christian Meyer, Uffe Bodtger, Torben Tranborg, Zitta Barrella Harboe, Charlotte Suppli Ulrik, Christian B. Laursen, Elisabeth Bendstrup, Jørgen Vestbo, Niklas Dyrby Johansen, Tor Biering-Sørensen, Barbara Bonnesen, Jens-Ulrik Stæhr Jensen	**OA1294**
11:45	**RCT Abstract - The SPRAY-CB trial: Metered-dose liquid nitrogen cryospray for chronic bronchitis** Gerard J. Criner (Philadelphia, PA, United States), Gerard J. Criner, Robert F. Browning Jr, Muhanned Abu-Hijleh, Ken Y. Yoneda, Charlie Strange, Momen M. Wahidi, Joseph C. Seaman, Ganesh Krishna, Gustavo Cumbo-Nacheli, Ashutosh Sachdeva, Richard Sue, Sandeep Bansal, Thomas R. Gildea, Christian Ghattas, J. Scott Ferguson, David Feller-Kopman, Jonathan S. Kurman, Pallav L. Shah	**OA1295**
11:50	**Discussion and Q&A** All speakers	**OA1296**

3J Session 114 11:00 - 12:15

Oral presentation: Hot topics and perspectives in thoracic surgery

Disease(s) : Thoracic oncology | Interstitial lung diseases | Airway diseases | Sleep and breathing disorders

Method(s) : Epidemiology | Physiology | Surgery | Pulmonary rehabilitation | Imaging | Endoscopy and interventional pulmonology | Public health

Tag(s) : Clinical

Chairs : Kalliopi Athanassiadi (Athens, Greece), Katarzyna Zanowska (Poznań, Poland)

11:00	**Chest CT-Based Machine Learning for Predicting Response to Lung Volume Reduction Surgery: A Pilot Study** Wassim Labaki (Ann Arbor, United States), Kiran Lagisetty, Rishindra Reddy, Catherine Meldrum, Max Wayne, Jeffrey Curtis, Maor Sauler, Swaraj Bose, Susan Murray, John Oyer, Charles Hatt, Ella Kazerooni, MeiLan Han, Craig Galban, Sundaresh Ram	**OA1297**
11:05	**Sex differences in functional capacity influence surgical selection and outcomes in lung cancer surgery** Karolina Kristenson (Linköping, Sweden), Amanda Rosberg, Johan Hylander, Miklos Boros, Marina Labor, Gabriel Högström, Eva Tamas, Kristofer Hedman	**OA1298**
11:10	**Reclassification of Physiological Risk Using the Updated European Respiratory Society and European Society of Thoracic Surgeons Cardiopulmonary Exercise Testing Guideline** Kristofer Hedman (Linköping, Sweden), Karolina Kristenson	**OA1299**
11:15	**VATS mini-thoracotomy vs thoracotomy for pleurectomy/decortication for malignant pleural diseases** Marcello Migliore (Riyadh, Saudi Arabia), Amal Abdulhaq, Marco Nardini, Amer Alzahrani, Hasan Robaidi, Waleed Saleh, Khaled Al Khattan, Rayid Abdulqawi	**OA1300**
11:20	**Estimation of the prevalence of Obstructive Sleep Apnea (OSA) in patients undergoing lung resection surgery** Oirelvis Antonio Serra Espinosa (Rome, Italy), Rossella Melcarne, Eva Iannuzzi, Claudia Dos Santos, Nelson Cuboia, Carmen Sánchez Matas, María José Roca Calvo, Patricia Martínez Martínez	**OA1301**
11:25	**The Trajectory of Anxiety and Depression After a Clinical Diagnosis of Early-Stage Lung Cancer in Patients with Pulmonary Nodules: A Prospective Cohort Study.** Ting Bao (Sichuan, Chengdu, China), Yuan Zhu, Wenyu Li, Ruicen Li, Yidan Lin	**OA1302**
11:30	**Post pneumonectomy morbi-mortality factors: a monocentric experience** Mohamed REBEI (sfax, Tunisia), Ahmed Ben Ayed, Mouna Nasri, Zied Chaari, Abdessalem Hentati	**OA1303**
11:35	**Establishing a multidisciplinary lung volume reduction surgery program in a lung transplant centre: feasibility and early outcomes.** Riccardo Orlandi (Milan, Italy), Lorenzo Rosso, Veronica Rossi, Letizia Morlacchi, Valeria Rossetti, Ferdinando Lo Iacono, Francesco Bindo, Emilia Privitera, Mario Nosotti, Alessandro Palleschi	**OA1304**
11:40	**Establishing the top ten research priorities for lung volume reduction treatment for people with COPD.** Sara Buttery (London, United Kingdom), Richard Barraclough, Tim J P Batchelor, Sofina Begum, Rocco Bilancia, Edward J. Caruana, James W Dodd, Justin L Garner, Neil J Greening, Samuel V Kemp, Alan J B Kirk, Rod A Lawson, Babu Naidu, Christopher M Orton, Karen Redmond, Carol Ridge, Pallav L Shah, Jane S Watson, Nicholas S Hopkinson	**OA1305**
11:45	**Discussion and Q&A** All speakers	**OA1306**

3K Session 115 11:00 - 12:15

Oral presentation: Bronchiectasis: mechanisms, endotypes and host response

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Imaging Pulmonary function testing

Tag(s) : Basic science

Chairs : Markus Fally (Copenhagen, Denmark), Letizia Traversi (Cittiglio, Italy)

11:00	**Late Breaking Abstract - Tryptophan-kynurenine metabolism mediates Pseudomonas-driven neutrophilic inflammation in bronchiectasis: an integrated multi-omics mediation analysis** Cuixia Pan (Guangzhou, China), Ruidi Tang, Shengzhu Lin, Weijie Guan	**OA1307**
11:05	**Multi-omic integration identifies cross-compartment inflammatory programmes associated with disease severity and infection in bronchiectasis: results from EMBARC-BRIDGE** Merete Bridget Long (Dundee, United Kingdom), Lidia Perea, Rebecca C Hull, Chloe Hughes, Morven K Shuttleworth, Jennifer Pollock, Michal Shteinberg, Stefano Aliberti, Sanjay H Chotirmall, Eva Polverino, Pieter Goeminne, Natalie Lorent, Felix Ringhausen, Rosa Faner, Oriol Sibila, Amelia Shoemark, James D Chalmers	**OA1308**
11:10	**Understanding neutrophil functional changes in bronchiectasis: results from the BRILLIANT study** Merete Bridget Long (Dundee, United Kingdom), Emma D Johnson, Thomas Pembridge, Erin Cant, Lucy Bidgood, Eve McIntosh, Hannah Dickson, Isavella Petrou, Morven K Shuttleworth, Hollian Richardson, Jamie Stobo, Qingyou Du, Holly Lind, Kateryna Viligorska, Emma Jackson, Emily Ward, Daniela Alferes de Lima Headley, Rebecca C Hull, Chandani Hennayake, David W Connell, Helen Liddicoat, Adam Platt, Maria G Belvisi, Kristoffer Ostridge, Adnan Azim, Amelia Shoemark, James D Chalmers	**OA1309**

11:15	**Epithelial lipid reprograms Th17 pathogenicity via FABP1-PPARα axis in bronchiectasis** Yuhua Wen (shanghai, China), Jinfu Xu	**OA1310**
11:20	**Sputum metabolomics in bronchiectasis: Data from the EMBARC-BRIDGE study** Isavella Petrou (Dundee, United Kingdom), Merete B Long, Rebecca C Hull, Yan Hui Giam, Nelli Suntilla, Hollian Richardson, Daniela Alferes de Lima Headley, Holly Lind, Eve Mcintosh, Arietta Spinou, Pieter C Goeminne, Michal Shteinberg, Stefano Aliberti, Charles S Haworth, Oriol Sibila, Eva Polverino, Michael R Loebinger, Felix C Ringshausen, Natalie Lorent, Francesco Blasi, Raja Dhar, Sanjay Chotirmall, Amelia Shoemark, James D Chalmers	**OA1311**
11:25	**Impaired B-cell responses to P. aeruginosa and their impact on antibody production in bronchiectasis; a substudy in the EMBARC-BRIDGE cohort** Ashleigh Foubister (Dundee, United Kingdom), Holly Lind, Rachel Galloway, Isavella Petrou, Kateryna Viligorska, Emma Jackson, Benjamin Jm New, Duncan Sanderson, Merete Long, Rebecca C Hull, James D Chalmers	**OA1312**
11:30	**Profiling Autoantibodies in Bronchiectasis: Pathogenesis, Incidence, and Time to Disease Onset.** Duncan Sanderson (Perth, United Kingdom), Jeremiah Lawson, Finlay Waddell, James Chalmers, Amelia Shoemark, Arietta Spinou, Pieter C Goeminne, Michal Shteinberg, Stefano Aliberti, Charles S Haworth, Oriol Sibila, Eva Polverino, Francesco Blasi, Raja Dhar, Michael Loebinger, Felix C Ringshausen, Sanjay Chotirmall, Natalie Lorent, Katerina Dimakou, Anthony De Soyza, Adelina Amorim, Raul Mendez Ocano, Anne Marie McLaughlin, Zoe Borrill, Robert Lord, Simon Finch, Yeon Mok Oh, Hani Abo-Leyah, Josje Altenburg, Rahul Bhatnagar, Steven Cowman, Pallavi Bedi, Beatriz Lara, Seung Won Ra	**OA1313**
11:35	**Nanopore sequencing to characterise the microbiome in patients with bronchiectasis: results from the BRILLIANT study** Hollian Richardson (Dundee, United Kingdom), Lucy Bidgood, Emma Johnson, Erin Cant, Thomas Pembridge, Eve McIntosh, Rachel Galloway, Hannah Dickson, Isavella Petrou, Qingyou Du, Morven Shuttleworth, Chandani Hennayake, Holly Lind, Kateryna Viligorska, Emma Jackson, Emily Ward, Rebecca C Hull, Daniela Alferes De Lima Headley, David W Connell, Helen Liddicoat, Adam Platt, Maria G Belvisi, Kristoffer Ostridge, Adnan Azim, Merete B Long, Amelia Shoemark, James D Chalmers	**OA1314**
11:40	**Oscillometry for the evaluation of disease activity in bronchiectasis** Virginia Santello (Padova, Italy), Marta Belotti, Daniele Previtero, Giulia Marani, Davide Biondini, Mariaenrica Tinè, Umberto Semenzato	**OA1315**
11:45	**AI-driven Etiological Identification of Bronchiectasis on Chest CT Images** Yue Su (Shanghai, China), Zhihao Chen, Hongming Shan, Jinfu Xu	**OA1316**
11:50	**Discussion and Q&A** All speakers	**OA1317**

Studio — Session 116 — 11:00 - 11:45

Patient-centred session: Holistic approaches in lung disease: addressing physical, emotional and social factors

Aims : To explore symptom-focused care, a patient-centred approach that targets distressing symptoms of lung disease and comorbidities as identified by individual patients, with the aim of improving their daily living and quality of life.

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Tom Bermingham (Wexford, Ireland)

11:00	**Holistic conversations in lung disease: addressing physical, emotional and social factors** Rachael McGill (Sheffield, United Kingdom), Eleni Stamouli (Thessaloniki, Greece), Ciara McCormack (Dublin, Ireland), Ingeborg Farver-Vestergaard (Vejle, Denmark)	**1318**

3.11 — Session 117 — 11:40 - 14:00

Skills workshop: SW3 SW3: Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion – €

Additional registration is required for this session

Aims : To build the technical expertise needed to perform spirometry, whole-body plethysmography and diffusion tests according to both best practice and the latest recommendations supported by experts in the field; to explain the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and the diffusion capacity of the lungs; and to explore the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases | Paediatric respiratory diseases

Tag(s) : Clinical

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands)

11:40	**Performing spirometry** Jana Kivastik (Tartu, Estonia)	**1319**
11:40	**Standardised static lung volume measurement and airways resistance using whole body plethysmography** Kevin De Soomer (Edegem, Belgium)	**1320**
11:40	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Monique Wapenaar - De Korver (Vlaardingen, Netherlands)	**1321**
11:40	**Reporting and interpretation of case studies** Maximillian Thomas (Brighton, United Kingdom)	**1322**

3.14 Session 118 11:40 - 14:00

Skills workshop: SW6 SW6: Early lung cancer interventions – €

Additional registration is required for this session

Aims : To build practical, hands-on competence in the full spectrum of treatment options for early-stage lung cancer; to discuss when and how surgery, endobronchial ablation, stereotactic radiotherapy and/or percutaneous ablation should be applied in real clinical practice; to develop the confidence of participants from various specialities in selecting appropriate therapies, understanding other specialties' interventions, interpreting imaging for procedural planning and performing key technical steps using realistic models and simulations, through immersive, small-group work at four interactive stations; to strengthen multidisciplinary decision-making and procedural readiness and cross-pollinate knowledge across relevant specialties, enabling clinicians to deliver safe, effective and individualised treatment to patients with early-stage disease.

Disease(s) : Thoracic oncology

Tag(s) : Clinical, Prevention

Chairs : Marcello Migliore (Riyadh, Saudi Arabia)

11:40	**Surgical management of early-stage lung cancer** René Horsleben Petersen (Copenhagen, Denmark)	**1323**
11:40	**Endobronchial ablation techniques** Aleš Rozman (Golnik, Slovenia)	**1324**
11:40	**Stereotactic Body Radiotherapy (SBRT) planning** Sara Ramella (Roma (RM), Italy)	**1325**
11:40	**Percutaneous ablation (microwave, RFA, cryoablation)** Thomas Vogl (Frankfurt am Main, Germany)	**1326**

3E Session 124 12:15 - 13:15

Joint session: Inhaler technique, training and technology: making a difference for our patients

A joint ERS and industry session supported by AstraZeneca, Chiesi and GSK

Aims : To update physicians and healthcare personnel on the challenges of selecting and using appropriate inhalers for patients internationally; to address strategies to maximise patient benefit and describe the role of technology, while considering environmental impacts.

Disease(s) : Airway diseases Paediatric respiratory diseases

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Journalist, Pharmacist

Chairs : Frans H.C. De Jongh (Enschede, Netherlands), Monbi Stefanova Chakma (London, United Kingdom)

12:15	**Personalising inhaler therapy: selecting the right device and ensuring proper technique and use in daily clinical praxis** Omar S. Usmani (London, United Kingdom)	**1348**
12:30	**Small airways, big challenges: choosing the proper inhaler for children and teaching them to use it properly and regularly** Hettie M. Janssens (Rotterdam, Netherlands)	**1349**
12:45	**The future is here: how technology and artificial intelligence will help clinicians and patients with daily inhaler use** Amy Hai Yan Chan (Auckland, New Zealand)	**1350**

13:00	**Discussion and Q&A** All speakers	**1351**

Studio Session 126 12:15 - 13:15

Skills lab: Focused neck ultrasound and biopsy for respiratory physicians

Aims : To provide respiratory clinicians with a basic understanding of focused neck ultrasound examination for the purpose of detecting abnormal lymph nodes; to demonstrate the procedure for sampling abnormal cervical lymph nodes; to explain the role of point-of-care neck ultrasound in the workup of thoracic malignancy and other respiratory conditions.

Tag(s) : Clinical

Chairs : Cyrus Daneshvar (Plymouth, United Kingdom)

12:15	**Introduction** Cyrus Daneshvar (Plymouth, United Kingdom)	**1356**
12:17	**Ultrasound of the neck: basics for the respiratory physician** Sara Piciucchi (Forlì, Italy)	**1357**
12:25	**Normal and abnormal lymph node structures on neck ultrasound** Susannah Penney (Manchester, United Kingdom)	**1358**
12:33	**Ultrasound-guided cervical lymph node biopsies: how to and case study** Cyrus Daneshvar (Plymouth, United Kingdom)	**1359**
12:41	**Focused neck ultrasound in the respiratory clinic: case studies** Padraig Ridge (Baile na-Habainn (Co. Galway), Ireland)	**1360**
12:49	**Discussion and Q&A** All speakers	**1361**

PS-1 Session 130 12:30 - 14:00

Poster session: At the heart–lung interface: vascular disease, diagnostics and complex respiratory conditions

Disease(s) : Airway diseases | Pulmonary vascular diseases | Thoracic oncology | Interstitial lung diseases | Respiratory critical care

Method(s) : General respiratory patient care | Epidemiology | Public health | Physiology | Pulmonary function testing | Imaging | Respiratory intensive care | Cell and molecular biology

Tag(s) : Clinical

Chairs : Andrea Baccelli (London, United Kingdom), Marion Delcroix (Leuven, Belgium), Hind Eid (Beirut, Lebanon)

	Late Breaking Abstract - Development of intrapulmonary shunts in patients with pulmonary arterial hypertension treated with long-term sotatercept Cássia Goulart (São Carlos, Brazil), Marcelo Bellon dos Santos, Fernanda Brum Spilimbergo, Cássia da Luz Goulart, Marcia Castilhos Puchalski, Fabio Rodrigo Furini, Ana Paula Garcia Sartori, Lana Abdo Abed, Carolina Silva Fernandes, Amanda Bendo Pereira, Giovana Rech, Gisela Martina Bohns Meyer	**PA1365**
	Symptom Status Drives Prognosis in Congenital Pulmonary Airway Malformation (CPAM): Asymptomatic Dominates Prenatally, Symptomatic Burden Rises with Age Xiao Cheng (Beijing, China), Chao Meng, Lirong Nie, Zhiwen Li, Jufen Liu	**PA1366**
	Congenital Pulmonary Airway Malformation (CPAM) is Not Static: Comorbidity Profile Dynamically Evolves Across Lifespan Xiao Cheng (Beijing, China), Chao Meng, Lirong Nie, Zhiwen Li, Jufen Liu	**PA1367**
	Hereditary Hemorrhagic Telangiectasia and Pulmonary Arterial Hypertension Due to a GDF2 Mutation: A Case Report May Alharby (Riyadh, Saudi Arabia), Mohammed ALzaid, Omar ALtamimi, Suhail ALsaleh	**PA1368**
	Analysis of clinical characteristics and FLCN Gene variants in two families with Birt-Hogg-Dubé Syndrome Xiuxiu Ding (Haikou, China), Shengjing Huang, Zefu Chen, Yueling Cai, Nengfu Chen	**PA1369**
	An innovative diagnostic pathway using combined CPET-stress echocardiography for investigating undifferentiated breathlessness. Results from a single-centre pilot study Selda Ahmet (London, United Kingdom), Guy Lloyd, Hannah Hylton, Isobel Timms, Philip Marino, William Ricketts	**PA1370**

Early risk stratification for preclinical cardiopulmonary dysfunction in asymptomatic adults Yuan Zhang (Changsha, China), Gaifeng Zhang, Meng He, Si Wang, Jianwei Zeng, Jixing Yan, Min Li	**PA1371**
Ventricular Septum Curvature Ratio: A Novel Imaging Marker to Predict Clinical Deterioration in Normotensive Acute Pulmonary Embolism Dong Jia (Shenyang, China), Yizhuo Gao	**PA1372**
Pulmonary embolism detection rates across specialties: a Trust-wide CTPA re-audit Anna Scott (Redditch, United Kingdom), Simeran Pahal, See Tan, Muhammed B K Niazi, Abhimanyu Lal	**PA1373**
Appropriateness of CTPA Utilisation in Suspected Pulmonary Embolism: A Retrospective Audit abdul qadeer (Dublin, Ireland), Tidi Hassan	**PA1374**
Prognostic factors in patients with intermediate–high and high-risk pulmonary embolism managed in a respiratory intensive care unit Seymanur Küçük (ARTVİN, Türkiye), Fatma Yıldırım	**PA1375**
Sex Differences in Clinical Presentation and Outcomes in Acute Pulmonary Embolism: A Nationwide Multicenter Study Ömer Selim Unat (Izmir, Türkiye), Gülru Polat, Damla Serce Unat, Birsen Ocaklı, Elif Yelda Niksarlıoğlu, Pinar Yildiz Gunhan, Gokhan Altan, Zuleyha Bingol, Bilun Gemicioglu, Fusun Fakili, Ayse Fusun Topcu, Pinar Celik, Yelda Varol, Pelin Duru Cetinkaya, Tugba Onyilmaz, Nursel Turkoglu, Nese Dursunoglu, Eylem Tuncay, Alperen Aksakal, Bugra Kerget, Sibel Nayci, Eylem Sercan Ozgur, Fusun Yildiz, Oguz Uzun, Arzu Yorgancioglu, Turkish Thoracic Society Women and Lung Health Committee	**PA1376**
Subsequent Malignancy and Venous Thromboembolism in Patients with Unexplained Age-Adjusted D-dimer Elevation: A Retrospective Observational Follow-up Study Selen Dogan Tepe (Ankara, Türkiye), Deniz Dogan Mulazimoglu, Mirac Oz Kahya, Aytac Akcay, Aslıhan Gurun Kaya, Fatma Arslan, Aydın Ciledag, Akın Kaya, Özlem Ozdemir Kumbasar, Turan Acican, Serhat Erol	**PA1377**
An AI-driven Model (RFM-LAPr) Integrating CT radiomics and TNM Staging for the Prognostic Evaluation of Lung Adenocarcinoma Yi Chen (Chongqing, China), Xuan Li, Yijia Cao, Yuan Li	**PA1378**
Association Between BRAF Inhibitor Targeted Therapy and Systemic Inflammatory Markers in Patients With Stage IV Non–Small Cell Lung Cancer Vivien Alexandra Sebok (Budakeszi, Hungary), Fruzsina Petruzsán, Ilona Tornyi, Zsuzsanna Orosz, Ildikó Horváth, Dóra Helmeczi	**PA1379**
Clinical practice of pneumonic-type lung carcinoma presenting with respiratory failure as the initial manifestation. Pengbo Deng (changsha, China), Yu Jiang, Yuanyuan Li	**PA1380**
Should the history of previously cured malignancies change our diagnostic approach to CC patients? Anna Gosk (Warszawa, Poland), Elżbieta. M Grabczak, Olga Truba, Karolina Klimowicz, Marta Dąbrowska	**PA1381**
Chronic Obstructive Pulmonary Disease and Lung Cancer: A 5-Year Follow-Up Daniela Buklioska Ilievska (Skopje, North Macedonia), Ivana Mickovski, Radmila Milosheska, Vesna Trajkova, Jordan Minov, Tatjana Deleva Stoshevska, Ivana Filipova	**PA1382**
Cavitary Size and Thickness Matters: Morphometric Clues to Etiology in Adult Pulmonary Disease in a Tuberculosis Endemic Country Dolfus Santiago Romero Rojas (Bogotá, Colombia), Camilo Romo, Juan Carlos Rojas Puentes, Maria José Fernandez Sanchez	**PA1383**
Diagnostic Ambiguity in Anti-GM-CSF-positive Interstitial Lung Disease: Autoimmunity, Infection, and and the impact of Immunosuppression on Alveolar Macrophage Function and Pulmonary Immune Homeostasis Magdalene Parkes (Brisbane, Australia), Anthony Saponara, Michelle Murphy	**PA1384**

PS-10 Session 131 12:30 - 14:00

Poster session: Neutrophils as regulators of lung injury and infection

Disease(s) : Airway diseases | Respiratory critical care | Interstitial lung diseases

Method(s) : Cell and molecular biology | Imaging | Physiology | Pulmonary function testing | Epidemiology

Tag(s) : Basic science, Translational

Chairs : Niki L. Reynaert (Maastricht, Netherlands), Theodore Kapellos (Munich, Germany), Naheem Yaqub (London, United Kingdom)

Late Breaking Abstract - Single-sample network modeling of COPD exacerbation endotypes Margherita De Marzio (Boston, United States), Enrico Maiorino, Ruisheng Wang, Gregory L. Kinney, Iain R. Konigsberg, Edwin K. Silverman, Peter J. Castaldi, Kimberly R. Glass, Matthew Moll	**PA1385**
Alpha-1 antitrypsin augmentation in bronchiectasis with neutrophilic airway inflammation: results from the BATMAN trial Merete Bridget Long (Dundee, United Kingdom), Amy Gilmour, Eve McIntosh, Rachel Galloway, Zsofia Eke, Jennifer Pollock, Chloe Hughes, Rosie Grayson, Rebecca C Hull, Isavella Petrou, Holly Lind, Holly R Keir, Thomas Pembridge, Qingyou Du, Lewis Marshall, Fiona McLaren-Neil, Margaret Band, Stefano Aliberti, Jamie Stobo, Emma D Johnson, James D Chalmers	**PA1386**
Intrapleural enzyme therapy improves fibrinolysis by targeting neutrophilic responses in pleural infection Julia Chu (Oxford, United Kingdom), Alguili Elsheikh, Nikita Manoharan, Yinzhou Feng, Argyrios Tzouvelekis, Electra Koulousousa, Fotios Sampsonas, Tao Dong, Julian C. Knight, Najib M. Rahman, Nikolaos I. Kanellakis	**PA1387**
Chlamydia pneumoniae lung infection induces sustained neutrophil priming and altered responsiveness Dóra Paróczai (Deszk, Hungary), Kitti Eszter Szűcs, Ágnes Kovács, Katalin Burián	**PA1388**
A Chimeric CXCL8(3–72) K11R/G31P–BPI233 Protein Modulates Neutrophil-Driven Inflammation and Protects Against Carbapenem-Resistant Gram-Negative Bacteria Pneumonia Danni Pu (Beijing, China), Jiankang Zhao, Bin Cao	**PA1389**
Macrophage-derived IL-1β activates IL1R1high fibroblasts to secrete CXCL1, recruiting pathological CXCR2+ neutrophils and exacerbating early lung injury in severe influenza Limin Zhang (beijing, China), Yeming Wang, Bin Cao	**PA1390**
Unveiling the Core Role and Mechanism of Neutrophils in Hormone-Resistant Immune Checkpoint Inhibitor-Associated Pneumonia: An Integrated Study Based on Novel Mouse Models and Single-Cell Transcriptomics Tingyue Luo (Guangzhou, China), Zhiyang Ma, Qingmei Wang, Huimin Yang, Hangming Dong	**PA1391**
CGRP+ sensory neurons inhibit neutrophil migration by regulating CXCR2 expression via the NF-κB pathway to alleviate LPS-induced acute lung injury Wu Di (Shanghai, China), Li Qiang, Gao Wei	**PA1392**
Targeting PDE4B alleviates steroid-resistant immune-related pneumonitis by driving a pro-repair neutrophil phenotype: epithelial repair mechanism mediated by the THBS1-SDC4 axis Tingyue Luo (Guangzhou, China), Zhiyang Ma, Qingmei Wang, Huimin Yang, Hangming Dong	**PA1393**
Clinical bronchiectasis Pseudomonas aeruginosa isolates induce different neutrophil extracellular trap responses Charline Sommer (Gothenburg, Sweden), Michael Munson, Rebecca C. Hull, Merete B. Long, James D. Chalmers, Stefan Tångefjord, Lina Odqvist	**PA1394**
Resting versus activated neutrophils and eosinophils in the lower airway and the systemic circulation in bronchiectasis Andreas M. Matthaiou (Athens, Greece), Nikoleta Bizymi, Anastasia Apostolidou, Ioannis Tomos, Maria Gangadi, Georgios Pitsidianakis, Chrysavgi Kosti, Antonia Digalaki, Katerina Dimakou, Katerina M. Antoniou, Adamantia Liapikou	**PA1395**
Reduced neutrophil-related gene expression profile is associated with future paediatric bronchiectasis exacerbations: Results using samples from CRC Child-BEAR-Net biobank Stephanie Yerkovich (South Brisbane, Australia), Hannah O'Farrell, Vikas Goyal, Keith Grimwood, Michael Cheng, Anne Chang, Katie Baines	**PA1396**
Neutrophil-derived IL-26 is depleted and associated with impaired alveolar function in long-term smokers Patricia Ramos-Ramírez (Stockholm, Sweden), Nikolaos Pournaras, Bettina Brundin, Reza Karimi, Elga Bandeira, Karlhans Fru Che, Sven Nyrén, Omar Tliba, Apostolos Bossios, Magnus Sköld, Anders Lindén	**PA1398**
COPD-derived Neutrophil Extracellular Traps Promote Lung Cancer Progression via the TLR9-FOS/AP-1 Signaling Axis Tianfeng Peng (Hangzhou, China), Fei Chen, Kaijun Chen, Huaqiong Huang	**PA1399**
The plasma Proteomics uncover granulocyte-linked systemic inflammatory endotypes in COPD Carme Casadevall-Fusté (Barcelona, Spain), Cesar Jessé Enriquez-Rodriguez, Wlliam Breuer, Ady Castro-Acosta, Eduard Monsó, Rosa Faner, Ramon Camps-Ubach, Diego A. Rodríguez-Chiaradia, Ori Shalev, Borja G. Cosio, Alvar Agustí, Joaquim Gea Guiral	**PA1400**

Myeloid CPT1A reduces the recruitment of neutrophils in severe asthma by suppressing classically activated macrophages — **PA1401**
Muyun Wang (Shanghai, China), Wei Gao, Fan Chung, Qiang Li

Neutrophil-driven inflammation, epithelial-mesenchymal transition, and systemic CRP as predictors of lung function response in severe asthma treated with biological therapy — **PA1402**
Marina Lampalo (Zagreb, Croatia), Borna Antončić, Marin Mamić, Sanja Hlubuček Čingel, Franka Krpina, Gordana Pavliša, Anamarija Štajduhar, Eugenija Kasap Basioli, Branislav Čingel, Tea Vukić Bilić, Ivana Rubil, Hana Safić Stanić

MsrB2 deficiency amplifies neutrophil–macrophage–driven fibrotic remodeling in bleomycin-induced pulmonary fibrosis — **PA1403**
Se-Hyang Hong (Cheong-ju, Republic of Korea), Binna Yun, On-Yu Hong, Seung Hee Lee, Hye-Ja Lee, Jung Yeon Hong

Mechanistic insights into refractory IPF based on the major inflammatory factor S100A8/A9 — **PA1404**
Rie Kinoshita (Okayama, Japan), Nahoko Tomonobu, Kazumi Sagayama, Masakiyo Sakaguchi

PS-11 Session 132 12:30 - 14:00

Poster session: From hypoxia to systemic disease: mechanistic insights in obstructive sleep apnoea

Disease(s) : Sleep and breathing disorders Interstitial lung diseases

Method(s) : Cell and molecular biology Epidemiology Physiology Public health Pulmonary function testing General respiratory patient care

Tag(s) : Basic science, Clinical

Chairs : Elisa Perger (Milano, Italy), Lucia Pinilla (Adelaide, Australia), Manuel Sanchez De La Torre (Toledo, Spain)

Late Breaking Abstract - Associations of heart rate and hydration status with sleep stage in obstructive sleep apnea. — **PA1405**
Maggie Chuang (New Taipei City, Taiwan), Maggie Chuang, Wen-Te Liu, Cheng-Yu Tsai, Yi-Chih Lin, Hsiao-Chi Chuang

Pulmonary Function in Patients with Acromegaly According to Growth Hormone Levels — **PA1406**
Sinem Yenil Kocabay (Denizli, Türkiye), Nihal Büker, Şenay Topsakal, Zeynep Ök

Chronic intermittent hypoxia triggers hepatic platelet recruitment and activation — **PA1407**
Jonathan Gaucher (Grenoble, France), Guillaume Vial, Sophie Bouyon, Emilie Montellier, Florent Chuffart, Emeline Lemarie, Raoua Ben Messaoud, Marie Joyeux Faure, Saadi Khochbin, Renaud Tamisier, Charlotte Costentin, Jean-Louis Pépin

Chronic intermittent hypoxia promotes inflammatory responses and trained immunity of monocytes via activation of myelopoiesis — **PA1408**
Li Shi Qi (Shanghai, China), Li Shi Qi, Yi Wang, Meng Yao Li, Jun Qi Lin, Liu Zhang, Xi Xi Chen, Ying Ni Lin, Li Na Zhou, Xian Wen Sun, Yong Jie Ding, Qing Yun Li

Reduced Tissue IL-10 in Obstructive Sleep Apnea Links to Blunted Adipocyte Insulin Signaling and Is Partly Reversed by Exogenous IL-10 — **PA1409**
Mohammad Badran (Columbia, United States), David Gozal

Chronic Intermittent Hypoxia Exacerbates Pulmonary Fibrosis via the SPP1–Integrin αvβ1 Signaling — **PA1410**
Xixi Chen (Shanghai, China), Junqi Lin, Qingyun Li

CD169⁺ Macrophages Mediate Intermittent Hypoxia Induced Cognitive Impairment through CXCL3 Driven Endothelial Dysfunction — **PA1411**
Mengyao Li (Shanghai, China), Qingyun Li

PFKFB3 mediated glycolytic reprogramming drives endothelial inflammation under chronic intermittent hypoxia — **PA1412**
Li Shi Qi (Shanghai, China), Li Shi Qi, Yi Wang, Liu Zhang, Jun Qi Lin, Ya Ru Yan, Fang Ying Lu, Xi Xi Chen, Ying Ni Lin, Jian Ping Zhou, Li Ming Li Ming, Qing Yun Li

Association of LOX-1 and Lipoprotein(a) with Obstructive Sleep Apnea and Metabolic Parameters: A Case–Control Study — **PA1413**
Jyoti Bajpai (Lucknow (Uttar Pradesh), India), Shivani Maurya, Akshyaya Pradhan, Surya Kant, Wahid Ali, Ajay Verma, Abhishek Singh

Serum Follistatin-Like Protein 1 (FLP-1) Levels Are Not Associated with Obstructive Sleep Apnea Severity or Nocturnal Hypoxemia — **PA1414**
Levent Cem Mutlu (Tekirdağ, Türkiye), Meltem Yılmaz, Aliye Çelikkol, Özlem Kaymaz

Decline in Naïve CD4+ T Cell Levels Correlates with OSA Severity in Adult and Pediatric Patients — **PA1415**
Ke Huang (shanghai, China), Yin Ni Lin, Jun Qi Lin, Meng Yao Li, Shi Qi Li, Yi Wang, Xi Xi Chen, Zi Xuan Hua, Xian Wen Sun, Yong Jie Ding, Qing Yun Li

Study of the insights of cardiovascular dysfunction in obstructive sleep apnea (OSA) patients — **PA1416**
Maria Pugibet-Camarillas (Girona, Spain), Anna Vert, Noelia Prieto-Martínez, Miquel Gratacós-Aurich, Daniela Torres, Eric Rojas, Marc Bonnin-Vilaplana, Olga Tura-Ceide

Endotype analysis the effect of Atomoxetine with oxybutynin in patients with OSA in Taiwan. — **PA1417**
Liang-Wen Hang (Taichung, Taiwan), Wan Ju Cheng

Upper airway dilator muscle contraction during transcutaneous electrical neurostimulation assessed by mandibular displacement in healthy and patients with Motor Neuron Disease. — **PA1418**
Asim Madkhali (London, United Kingdom), Ahmed Almaghrabi, Mohammed Alkhathami, Gillian Radcliffe, Jennifer Owusu-Afriyie, Georgios Kaltsakas, Joerg Steier

Shared genetic architecture between sleep apnea-related sleep traits and cardiometabolic diseases — **PA1419**
Yuan Zhang (Changsha, China), Shijie Jian, Haiyan Ouyang, Minhan Yi

Integration of microRNAs and STOP-BANG for Obstructive Sleep Apnea Screening in Patients with Pulmonary Embolism — **PA1420**
Carlos Carrera Cueva (Sevilla, Spain), Enrique Gonzalo Martin, Noelia Sola Idigora, Lourdes Cervantes Borreguero, María Dolores Nuñez Ollero, Aldara García Sánchez, Irene Cano Pumarega, Grace Jacqueline Oscullo Yépez, Jeisson Osorio Trujillo, Amaia Urrutia Gajate, Valentin Cabriada Nuño, Agustina Rivas Guerrero, Alberto García Ortega, Araceli Abad Fernández, David Hervás Marín, María Isabel Asensio Cruz, Teresa Elías Hernández, Ángeles Sánchez Armengol, Remedios Otero Candelera, Candelaria Caballero Eraso

Late Breaking Abstract - Effects of controlled carbon dioxide delivery by a novel device on sleep in healthy subjects — **PA1421**
Shanfeng Liang (Guangzhou, China), Baiting He, Andrew Wellman, Yongyi Chen, Yuan Wang, Xiaobin Deng, Andrew Vakulin, Joerg Steier, Alan R. Schwartz, Yuanming Luo

Late Breaking Abstract - When good CPAP data lie: hidden tubing compression, undetected pressure loss, and the need for standardized tubing validation — **PA1422**
Mounia Maouche (Couillet, Belgium), Rudi Peche, Benny Mwenge

Late Breaking Abstract - A patient survey of experiences of diagnosis and treatment for a sleep and breathing disorder — **PA1423**
Clare Williams (Sheffield, United Kingdom), Adam Thomson

PS-12 Session 133 12:30 - 14:00

Poster session: Effective treatment and relevant clinical outcomes in sleep apnoea

Disease(s) : Sleep and breathing disorders | Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Epidemiology Physiology General respiratory patient care Public health Respiratory intensive care

Tag(s) : Clinical

Chairs : Alanna Hare (London, United Kingdom), Dries Testelmans (Leuven, Belgium), Joerg Steier (London, United Kingdom)

Late Breaking Abstract - AI-Supported Personalized Telemonitoring For Early CPAP Adherence In Obstructive Sleep Apnea: Preliminary Results From The AIRGENIOUS Study — **PA1424**
Pedro Landete Rodriguez (Albacete, Spain), Sandra Guedes, Enrique Zamora, María González, Elena Ávalos, Yasaman Kakaei Siahkal, Alexandra Vañes

Application of the 2018 Baveno Classification in a Romanian Patient Cohort — **PA1425**
Andreea Florescu (București, Romania), Bogdan Micleru, Corina Borcea, Stefan Mihaicuta, Florin-Dumitru Mihaltan, Oana-Claudia Deleanu

Glaucoma Risk in Obstructive Sleep Apnea: The Role of Positive Airway Pressure Adherence — **PA1426**
Ana Rita Dos Santos Martins (Leiria, Portugal), Ana Rita Batista, Gonçalo Godinho, Elisabete Gomes, Iola Pinto, Daniela Ferreira-Santos, Cláudia Santos, João Neiva Machado, Sónia Silva

Long-term effectiveness of auto-adjusted non-invasive ventilation vs manually-titrated non-invasive ventilation in obesity hypoventilation syndrome — **PA1427**
Mª Ángeles Sanchez Quiroga (Plasencia, Spain), Ivan Benitez Iglesia, Francisco Javier Gómez de Terreros, Alejandra Roncero Lázaro, Maria Fernanda Troncoso, Soledad Lopez Martin, Mónica González, Maria Isabel Asensio, Sergi Marti Beltran, Marina Galdeano, Patricia Peñacoba Toribio, Teresa Díaz Cambriles, Andreu Maimo, Eusebi Chiner, Juan Fernando Masa

Couple-level benefits of PAP therapy for OSA: contrasting sexual and relational outcomes in US vs. European studies: A narrative review Elroy Boers (Calgary, Canada), Summer Ghamedi, Kimberly Sterling, Alison Wimms, Leanne Kaye	**PA1428**
IMPACT OF LEAKS ON EVENT DETECTION AND RESPONSE IN DIFFERENT AUTOCPAP MODELS. BANK STUDY Olga Meca Birlanga (La Alberca-Murcia, Spain), Marta Hernández Olivo, Carlos Federico Alvarez Miranda, Mª Carmen Velasco Alcaraz, Francisco Campello Sanchez, Adrian Heredia, Isabel Velayos, Pedro Garcia Torres, Antonio Santa Cruz Siminiani	**PA1429**
Analysis of 203 deaths of OSA patients on CPAP therapy Samuel Genzor (Olomouc, Czech Republic), Petr Mooz, Nicol Strakova, Jan Mizera, Janka Spickova Olejova	**PA1430**
Determining the success of therapy for obstructive sleep apnea (OSA) through measurement of oxygen saturation with the OtwoFellow™ pulse oximetry ring Christian Ziegler (Randersacker, Germany), Denise Johnson, Felix Caffier, Cordelia Halbmann, Bernhard Roth, Gert Küchler	**PA1431**
A Smart Sleep Apnoea Self-Management Support Program to Improve Continuous Positive Airway Pressure Adherence, Cardiovascular Risk, And Insomnia Symptoms: A Pragmatic Randomised Controlled Trial Agnes Yuen Kwan Lai (Hong Kong, Hong Kong), Denise Yiu, Maggie Lit, Macy Lui, Po-yee Chu, Asa Choi, Johnny Chan, Mary Ip	**PA1432**
Efficacy of non-medical interventions to improve PAP adherence in adults with OSA: A meta-analysis of randomized controlled trials Jean-Louis Pépin (Grenoble, France), Joëlle Texereau, Elie Iatcheva, Sarah Alami, Raoua Ben Messaoud, Sébastien Bailly	**PA1433**
Impact of CPAP Treatment on Sleep Bruxism Severity : A two-Phase Observational Study Emmanouil Verykakis (Athens, Greece), Maria Konstantinidi, Eirini Kokiou, Vasileios Paraschou, Alexandros Kakolyris, Lamprini Athanasopoulou, Stylianos Vagianos, Dimitrios Spyropoulos, Paraskevi Georgopoulou, George Savvas, Stylianos Loukides, Katerina Vlami	**PA1434**
Sleep Disturbances and Nightmare Distress in Adults with Cystic Fibrosis: A Cross-Sectional Study Aliki Karkala (Leuven, Belgium), Ioanna Zarkada, Dimitrios Papadopoulos, Ioanna Loukou, Dries Testelmans, Alexandros Kalkanis	**PA1435**
Artificial intelligence-based prediction of MASLD and liver fibrosis in obstructive sleep apnoea using non-invasive clinical data Eray Halisdemir (Rize, Türkiye), Songül Özyurt, Neslihan Özçelik, Ali Erdem Ozçelik, Emre Bendeş, Çağlayan Keklikkıran, Aziz Gümüş	**PA1436**
Sarcopenia assessment in obstructive sleep apnea: the SOSA study Mohammad Abdulsalam (Mushrif, Kuwait), Ahmad Abdulsalam, Diaa Shehab, Murat Kara, Sulaiman Khadadah	**PA1437**
Clinical characteristics and outcomes in idiopathic pulmonary fibrosis (IPF) patients with and without obstructive sleep apnea (OSA) and the effect of PAP treatment Izolde Bouloukaki (Heraklion (Crete), Greece), Charalampos Mermigkis, Eleni Mavroudi, Violeta Moniaki, Alexandros Boutsi, George Pitsidianakis, Theofilos Vouis, Eirini Foteinaki, George Vaios, Zouraraki Aristea, Eirini Vasarmidi, Katerina Antoniou, Sophia E. Schiza	**PA1438**
Obstructive sleep apnea in interstitial lung disease and cardiopulmonary outcomes Mina Ghbrial (Philadelphia, United States), Gautam George	**PA1439**
Association between obstructive sleep apnea and idiopathic pulmonary fibrosis: A Nationwide Population-Based Study Munsik Chung (Seoul, Republic of Korea), Sang Haak Lee, Bora Lee	**PA1440**
Reduced gait speed as a significant physiological indicator of poor sleep quality in older adults: a cross-sectional study. Wei-Syun Hung (Taoyuan City, Taiwan), Li-Pang Chuang	**PA1441**
Impact of sleep apnea hypopnea syndrome on left ventricular systolic function in heart failure Ferdaous Yangui (La Marsa, Tunisia), Syrine Ben Jeddou, Syrine Abdellatif, Salma Mokaddem, Soumaya Debiche, Hela Cherif, Sarra Romdhane, Amine Boufares, Saoussen Antit, Lilia Zakhama, Mohamed Ridha Charfi	**PA1442**
Respiratory chemoreflex and risk of incident increase in blood pressure Yuenan Ni (Chengdu (Sichuan), China), Eline Oppersma, Wolfgang Ganglberger, Robert Thomas	**PA1443**

PS-13 Session 134 12:30 - 14:00

Poster session: Symptoms and predictors of outcome in sleep apnoea

Disease(s) : Sleep and breathing disorders Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Physiology Pulmonary function testing Epidemiology Endoscopy and interventional pulmonology Pulmonary rehabilitation Respiratory intensive care Public health Palliative care

Tag(s) : Clinical

Chairs : Martino Pengo (Milano (MI), Italy), John Jeba Raj Muthiah Raj (LONDON, United Kingdom), Margarida Matias (Milano, Italy)

Late Breaking Abstract - Consumer AI chatbots validate patient denial and abandon specialist referral for obstructive sleep apnoea: a multi-turn controlled conversation trial against five free frontier models **PA1444**
Deeban Ratneswaran (London, United Kingdom), Samuel Poirier, Mykyta Rykov, Joerg Steier

Patient-Reported Multidimensional Dyspnoea and Sleep Disturbance after SARS-CoV-2 Infection: A Population-Based Study **PA1445**
Sabrina Ballhausen-Lübcker (Kiel, Germany), Fiona Teske, Anne-Kathrin Ruß, Lennart Reinke, Astrid Dempfle, Erik Fulde, Frederike Pauline Schäfer, Wolfgang Lieb, Corina Maetzler, Sabrina Schmitt, Thomas Keil, Jörg Janne Vehreschild, Patricia Wagner, Caroline Morbach, Thomas Zoller, Martin Witzenrath, Stefan Störk, Dana Stahl, Laura Graht, Michael Pohlmann, Michael Krawczak, Thomas Bahmer, Stefan Schreiber, Jan Heyckendorf

Prevalence and predictors of hepatic steatosis and fibrosis in suspected obstructive sleep apnea: a transient elastography study **PA1446**
Eray Halisdemir (Rize, Türkiye), Songül Özyurt, Bilge Y. Kara, Neslihan Özcelik, Caglayan Keklikkıran, Aziz Gümüs, Ünal Sahin, Yusuf Yılmaz

Occupational Injuries in Obstructive Sleep Apnea: Risk Factors, Injury Severity, and the Role of CPAP: The DISCOVERY Case–Control Study **PA1447**
Xingwu Zhou (Uppsala, Sweden), Marta A Kisiel, Amanda von Euler Chelpin, Thillde Malberg, Lina Fadul, Magnus Ekström, Ludger Grote, Adriana-Maria Hiller, Andreas Palm

Early positive airway pressure use predicts therapy discontinuation, treatment effectiveness, and behavioural patterns in obstructive sleep apnoea **PA1448**
Michael Arzt (Regensburg, Germany), Ankit Ghildiyal, Suyog More, Melike Deger, Christoph Schoebel, Holger Woehrle, Caleb Woodford

Effect of CPAP on Left Atrial Volume Index in Patients With Stroke and Obstructive Sleep Apnea: A Randomized Trial **PA1449**
Chou-Han Lin (Banqiao Dist., Taiwan), Shan-Hui Huang, Yu Cheng Chu, Yan-Siang Huang, Vai Hong Fong, Chih-Wei Tang, Yen-Wen Wu

Blood pressure variability in obstructive sleep apnoea and its association with CPAP withdrawal **PA1450**
Bastian Gruber (Zürich, Switzerland), Joel J. Herzig, Michelle S. Mollet, Robin Mozolowski, Zoe Bousraou, Lara Benning, Silvia Ulrich, Esther Irene Schwarz

Initiation and titration strategy of CPAP using APAP and telemonitoring in patients with central sleep apnea: results of a retrospective cohort. **PA1451**
Carlos Caldera (Bilbao, Spain), Laura Cortezón, Amaia Urrutia, Sonia Castro, Teresa Bretos, Ainhoa Maiz, Leire San Juan, Aitziber Astoreca, Yolanda Rey, Mari Luz Zaldibar, Cristina Mosquera, Eider Aira, Valentín Cabriada

CPAP compliance summary for OSA patients with telemonitoring in a small DGH setting: comparison of pre- and post-telemonitoring group **PA1452**
Indrajit Sau (Sutton Coldfield, United Kingdom), Alaa El Akkawi

Continuous positive airway pressure treatment effect on cardiopulmonary exercise capacity in patients with moderate and severe obstructive sleep apnea **PA1453**
Hei Shun Cheng (Hong Kong, Hong Kong), Pui Hing Chiu, Wai Tong Tang, Vinson Nelson Yew, Chi Chung Jeffrey Wong, Charles Wong, Kwok Ho Yau, Chak Kwan Lau, Chun Wai Tong, Pui Ling Flora Miu

Effects of CPAP on OSA-related cardiovascular risk markers: a two-week CPAP withdrawal and re-initiation study **PA1454**
Adrien Waeber (Lausanne, Switzerland), Geoffroy Solelhac, Grégory Heiniger, Théo Imler, Monica Betta, Giulio Bernardi, Andrea Faini, Paolo Castiglioni, Carolina Lombardi, Vincent Pichot, Ali Azarbarzin, Raphaël Heinzer

Effect of continuous positive airway pressure on small airway resistance in obese obstructive sleep apnea patients **PA1455**
Bunnapron Kittiratanawasin (Bangkok, Thailand), Naricha Chirakalwasan, Natthawan Sanguanwong

Continual optical cuffless monitoring to assess the CPAP therapeutic effect on blood pressure in patients with obstructive sleep apnoea **PA1456**
Mikel Azpiazu (Vitoria-Gasteiz, Spain), Jorge Ullate Mora, Maria Garrido Uriarte, Mireya Gonzalez Malo, Fernando Ereño Beroiz

Residual snoring in CPAP-treated OSA patients with nocturnal hypertension **PA1457**
Ivan Juez-Garcia (Lleida, Spain), Iván D Benítez, Jordi de Batlle, Ignacio Boira, Irene Cano-Pumarega, Olga Mediano, Alejandra Roncero, Candela Caballero, Alberto Alonso-Fernández, Teresa Díaz de Terán, M Ángeles Sánchez Quiroga, Zojaina Hernández Rojas, Carlos Egea, Laura Pozuelo-Sánchez, Olga Casanovas-Salvatella, Anna Sánchez-Cucó, Nerea Ramírez-Seco, Lidia Guiral-Lafita, Adriano D S Targa, Krish Dodani, Anna Galan-Gonzalez, Wasim El Arfaoui, Esther Gracia-Lavedan, Lucía Pinilla, Manuel Sánchez-de-la-Torre, Ferran Barbe

Long-term adherence to Continuous Positive Airway Pressure (CPAP) therapy in Severe Obstructive Sleep Apnea (OSA): a retrospective study Study **PA1458**
Pavlos Myrianthefs (Athens, Greece), Eleni Kontogianni, Anna Korompeli, Alexandra Gavala

CPAP termination and mortality in pulmonary fibrosis + OSA: a French nationwide database analysis **PA1459**
Jean-Louis Pépin (Grenoble, France), Thomas Gille, Lucile Sesé, Elise Comte, Atul Malhotra, Peter Cistulli, Anne Josseran, Florent Lavergne, Renaud Tamisier, Carole Planes, Sebastien Bailly

Wearable-derived Sleep, Physical Activity, and Physiologic Characteristics of Western European Adults with Obstructive Sleep Apnoea **PA1460**
Elroy Boers (Calgary, Canada), Anita Malik, Caleb Woodford, Suyog More, Naomi Alpert, Will McConnell, Kimberly Sterling, Alison Wimms, Leanne Kaye

The potential impact of sleep quality on physical activity and functional capacity: a CanCOLD Cohort study **PA1461**
Kristin E MacLeod (Kingston, Canada), Alex McCartney, Madison Coyle, Andrew Day, Wilma M Hopman, Tetyana Kendzerska, J Alberto Neder, Nicolle J Domnik, Working Group CanCOLD Collaborative

Optimising Patient-Centred Sedation for Drug-Induced Sleep Endoscopy in Obstructive Sleep Apnoea: A Randomised Controlled Trial of Remimazolam–Propofol **PA1462**
Xi Chen (Tianjin, China), Dan Liu, Jing Zhang

Sleep Efficiency as a Marker of Health in Obstructive Sleep Apnoea: Evidence from a Western European Wearable Cohort **PA1463**
Elroy Boers (Calgary, Canada), Anita Malik, Caleb Woodford, Suyog More, Naomi Alpert, Will McConnell, Kimberly Sterling, Leanne Kaye

PS-14 Session 135 12:30 - 14:00

Poster session: Targeting complex airway disease phenotypes: emphysema, alpha-1 antitrypsin deficiency, mucus dysfunction and associated patient perceptions

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Epidemiology Endoscopy and interventional pulmonology Physiology Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Chantal Donovan (Sydney, Australia), Maeva Zysman (cabanac et villagrains, France), Alice M Turner (Birmingham, United Kingdom)

Late Breaking Abstract - Impact of airflow obstruction severity on mepolizumab response in COPD with an eosinophilic phenotype: optimising quality of life by timely intervention in patients with GOLD 2 while maintaining exacerbation reduction across all GOLD grades **PA1464**
Stefanie Kolterer (London, United Kingdom), David M G Halpin, Jean Bourbeau, Alberto Papi, Rongchan Chen, Joel Schamroth, Arunangshu Biswas, Mona Bafadhel

Impact of Alpha-1 Antitrypsin Augmentation Therapy on Clinical Outcomes in Patients with Severe Respiratory Disease and Mild-to-Moderate Alpha-1 Antitrypsin Deficiency: A Real-World Study **PA1465**
Panaiotis Finamore (Roma (RM), Italy), Simona Santangelo, Silvia Travaglini, Alessandro Ferrini, Raffaele Antonelli Incalzi, Simone Scarlata

A population pharmacokinetic/pharmacodynamic model for Efdoralprin Alfa and alpha-1 proteinase inhibitor in adults with alpha-1 antitrypsin deficiency (AATD) emphysema **PA1466**
Soroush Safaei (Ghent, Belgium), Michelle Lee, Nathan Thibault, Yong Kim, Maria Laura Sargentini-Maier

Exploring the Landscape of Clinical Research in AATD: A Cross-Sectional Review of Registered Studies in ClinicalTrials.gov, Clinicaltrialsregister.eu, and WHO ICTRP Philipp Höger (Heidelberg, Germany), Markus Ries, Arturo Olivares Rivera, Katharina Buschulte, Konstantina Kontogianni, Hilal Ersöz, Ralf Eberhardt, Sebastina Fähndrich, Sabina Janciauskiene, Felix Herth, Franziska Trudzinski	**PA1467**
Anti-inflammatory Effect of Photobiomodulation Therapy in an Experimental Model of Asthma–Chronic Obstructive Pulmonary Disease Overlap Renata Palma (São Paulo (SP), Brazil), Kelly Gomes Santana, Cintia Estefano Alves Silva, Tawany Gonçalves Santos, Keilla Santos Soares Barros, Bibiana Padilha de Menezes da Silva, Marcus Vinicius de Moraes, Isadora Nilssom Mechenas, Ana Paula Ligeiro de Oliveira	**PA1468**
Treatment outcomes of ELVR with valves are not influenced by body mass index: Results for the German Lung Emphysema Registry Jacopo Saccomanno (Berlin, Germany), Thomas Sgarbossa, Konrad Neumann, Kaid Darwiche, Stefan Andreas, Stephan Eisenmann, Bernd Schmidt, Wolfgang Gesierich, Nicolas Dickgreber, Christian Geltner, Joachim H. Ficker, Angelique Holland, Björn Schwick, Stephan Eggeling, Ralf Eberhardt, Christian Grah, Christoph Hünermann, Urte Sommerwerck, Andreas Fertl, Sylke Kurz, Peter Schramm, Joanna Krist, Grit Barten-Neiner, Martin Witzenrath, Ralf-Harto Hübner	**PA1470**
Real-World Longitudinal Functional Outcomes After Bronchoscopic Thermal Vapor Ablation in Severe Emphysema: A Two-Year Follow-Up Merav Ben Avraham (Maor, Israel), Lev Freidkin, Dror Rosengarten, Mordechai Reuven Kramer, Osnat Livne-Shtraichman, Barak Pertzov	**PA1471**
Biologics Improve Mucus Plugs and Oscillometry-Defined Small Airway Dysfunction in Real-Life Severe Asthma Toshihiro Shirai (Shizuoka, Japan), Yumi Fujita, Taisuke Akamatsu	**PA1472**
Effectiveness of mucoactive therapy in chronic obstructive pulmonary disease patients eligible for lung cancer surgery Hyun Woo Lee (Seoul, Republic of Korea), Jinwoo Lee, Sunmin Shin, Jiyu Sun	**PA1473**
Predictors of the effectiveness of nebulized NAC in patients with stable COPD Dmytro Dobrianskyi (Kyiv, Ukraine), Nina Kuzmenko, Oleg Iaremenko, Galyna Gumeniuk	**PA1474**
Effectiveness of a 10-day course of inhalation therapy with hypertonic saline and its combination with hyaluronic acid in patients with COPD and predictors of treatment prolongation appropriateness Dmytro Dobrianskyi (Kyiv, Ukraine), Alina Dorokhova, Galyna Gumeniuk, Oleg Iaremenko	**PA1475**
A γ-carboxyglutamate polymer detaches airway mucus and restores functional airway patency in a murine model of muco-obstructive lung disease Gunnar C. Hansson (Göteborg, Sweden), Anna Ermund, Christian Recktenwald, Sergio Trillo-Muyo, Thaher Pelaseyed	**PA1476**
Eucalyptol, limonene and pinene enteric capsules attenuate acrolein-induced airway mucus hypersecretion via the PKG–Hippo–YAP signaling pathway Yutian Zhang (Chengdu, China), Jun Chen, Ni Zeng, Xi Yan, Tao Wang, Fuqiang Wen	**PA1477**
Factors influencing the efficacy of high-dose N-acetylcysteine in COPD: new evidence from a meta-analysis and meta-regression Luigino Calzetta (Rome (RM), Italy), Shima Gholamalishahi, Paola Rogliani	**PA1478**
Erchen Decoction Attenuates Mucus Hypersecretion in Chronic Obstructive Pulmonary Disease by Activating the GPR43 Pathway in a Gut Microbiota-Derived SCFA-Dependent Manner Tiwei Miao (chengdu, China), Juanjuan Fu, Longyi Du, Yan Yu, Meilu Liu, Lijuan Gao, Bing Mao	**PA1479**
Phase I trial of an inhaled synergistic combination of adrenergic and cholinergic agonists to enhance mucociliary clearance in Cystic Fibrosis. Carlos Milla (Palo Alto, United States), Jacquelyn Spano, Marissa Dobry, Jenna Bollyky, Laarni Demchak, Tina Conti, Isaac Cohen, NamSoo Joo, Jeffrey Wine	**PA1480**
Efficacy of Lyophilized Bacterial Lysate in COPD Exacerbations Duygu Zorlu (İzmir, Türkiye), Songül Ozyurt	**PA1481**
Indian Patient Experiences to Asthma Management: Barriers in government and private healthcare sectors Sameer Gonuguntla (London, United Kingdom), Raja Dhar, Aditya Chawla, Omar Usmani	**PA1482**
Patient perceptions, fears, and barriers regarding biological therapy for severe asthma in Saudi Arabia Riyad Allehebi (Riyadh, Saudi Arabia), Meshari Albalawi, Alrabab Alshanqity, Hossam Aldalbahi	**PA1483**

PS-15 Session 136 12:30 - 14:00

Poster session: Biologics for airway diseases: novel insights from real-world data

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Public health Cell and molecular biology

Tag(s) : Clinical, Translational , Digital health

Chairs : Neil Greening (Leicester, United Kingdom), Sanjay Ramakrishnan (Perth, Australia), Milica Terzic (Belgrade, Republic of Serbia)

Late Breaking Abstract - Association of IL-4/IL-13 receptor blockade in moderate-to-severe asthma with airway autoimmunity and mucus plugging (ILSAA Study) Manali Mukherjee (Hamilton (ON), Canada), Yinglan Xie, Ekamdeep Sandhu, Melanie Kjarsgaard, Mathusha Jegatheeswaran, Nadia Suray Tan, Katherine Radford, Nandhitha Ragunayakam, Anusha A. Mappanasingam, Snehal Somalwar, Terence Ho, Carmen Venegas Garrido, Sarah Svenningsen	**PA1484**
A non-interventional, prospective study with benralizumab to investigate clinical outcomes and medication in real-life: first insights from the AIR POWER study Marek Lommatzsch (Rostock, Germany), Timm Greulich, Andreas Forster, Armin Kaa, Torsten Sandvoß, Jacqueline Alig, Johanna Huoman, Anna Wolf, Stefanie Geipel, Germaine Wenzler, Dirk Enders, Stephanie Korn, Frederik Trinkmann	**PA1485**
Risk of lymphoma in patients with asthma treated with Dupilumab compared with other biologic agents: A real-world cohort study Kuang-Ming Liao (Tainan, Taiwan), Sheng Chi Huang, Chih-Cheng Lai	**PA1486**
Real-world effectiveness of mepolizumab in severe asthma: a 12-month single-center pre–post study Lucia Morrone (Napoli, Italy), Gianluca Manganello, Ludovica Capitelli, Fiorentina Russo, Antonio Starace, Ferdinando Damato	**PA1487**
Historical eosinophil count as predictor of dupilumab-related eosinophilia in severe asthma Marina Saad (Milano, Italy), Lorenzo Musazzi, Stefano Pini, Francesca Mandurino Mirizzi, Peter Dilov, Andrea Lotti, Elda Coro, Melissa Mora Carillon, Pierachille Santus, Dejan Radovanovic	**PA1488**
Comparative real-world effectiveness of benralizumab, mepolizumab, dupilumab and tezepelumab in asthma: a 12-month single-center study Ferdinando Damato (Napoli, Italy), Lucia Morrone, Ludovica Capitelli, Chiara De Fonzo, Antonio Starace, Gianluca Manganello	**PA1489**
Utility of directly observed biologic therapy in distinguishing non-adherence to biologics from potential development of anti-drug antibodies in severe asthma Sidharth Kharbanda (Southampton, United Kingdom), Ma Pantaleon, Chellan Eames, Sumita Kerley, Eleanor Rayala-Montaniel, Ciara Whitfield, Jodi McCreery, Peter Cook, Hans Michael Haitchi, Ramesh Kurukulaaratchy, Anna Freeman, Paddy Dennison, Hitasha Rupani	**PA1490**
Outcomes of biologic therapy in one hundred Latvian patients with severe asthma: two-year analysis from the SHARP database Maris Bukovskis (Riga, Latvia), Iveta Kroica, Antra Bekere, Inga Vikmane, Sandra Auzina, Ieva Fleija, Lilita Mitrofanova, Normunds Jurka, Alvils Krams	**PA1491**
Clinical and sinonasal impact of tezepelumab in severe asthma: real-world study Jorge Rábago Castro (Madrid, Spain), Ismael Ali García, Beatriz Arias Arcos, Mónica Gómez García, Inés Martín Rubio, Belén López-Muñiz Ballesteros, Julio Hernández Vázquez, Silvia Martín Bote, Mariara Calderón Alcalá, Inmaculada Castillo Gil, Tirena Arjandas Merelo, David Martos Ruiz, Isabel Andrade Vela, África Alcorta Mesas, Carmen Matesanz Ruiz, Elena Rodríguez Jimeno, Luis Arvelo Castro, Miguel Suárez Ortiz, Daniel Mouhtar el Halabi, Irene Milagros Domínguez Zabaleta, María Jesús Buendía García	**PA1492**
Real-world effectiveness of biologic therapy in elderly patients with severe asthma Mariana Cascais (Porto, Portugal), Beatriz Martins, Rita Boaventura, Francisco Viana Machado	**PA1493**
Predicting clinical outcomes at 1-year with tezepelumab using interim 3-month data in patients with severe asthma aviv kupershmidt (TEL-AVIV, Israel), Gal Elkayam, Rory Chan, Reem Mhameed, Anna Breslavsky, Nimrod Urtreger, Ariel Malloul, Eyal Kleinhendler, Avraham Unterman, Shai Moshe Amor, Doron Cohn-Schwartz, Ori Wand, Jasmin Khateeb, Amir Bar-Shai, Ophir Freund	**PA1494**
Real-world comparison of T2-biologics efficacy in severe allergic asthma with nasal polyps Angelica Tiotiu Cepuc (Brussels, Belgium), Nicolas Migueres, Francisco-Javier Gonzalez-Barcala, Pauline Roux, Jean-Philippe Oster, Philippe Bonniaud	**PA1495**

Characterization of the response to biologic therapy in adults with severe asthma in a tropical middle-income country. **PA1496**
Leidy Prada (BOGOTA, D.C., Colombia), Libardo Jiménez-Maldonado, Maria Victoria Guerrero, Catalina Bazurto, Juan Francisco Guevara, Angelica Pachón, Jennyfer Giraldo, Nadia Juliana Proaños-Jurado, Miguel Ángel Martínez Ardila, Nicole Salamanca Moreno, Camilo Rodríguez, Erika Rodríguez, Carlos A Torres-Duque, Abraham Ali-Munive

Severe Asthma Cohort from Costa Rica: Clinical Characteristics, Phenotypes, Biomarkers, and Treatment Patterns **PA1497**
María Felicia Montero Arias (Alajuela, Costa Rica), Maria Jose Alfaro Coto, Ignacio Zabert, Ana Maria Stok, Gabriel García

The Swedish anti-IL5 study (SAIL-5): treatment response and association with type-2-biomarkers **PA1498**
Christer Janson (Uppsala, Sweden), Apostolos Bossios, Nikolaos Lazarinis, Teet Pullerits, Zainab Al-Hadrawi, Lars Hagman, Rikard Nilsson, Tove Eldh, Taivo Kipper, Peter Zettergren, Fredrik Sundom, Andreas Palm

Patient motivators and barriers to biologic therapy initiation in moderate-to-severe asthma **PA1499**
Ken Ka Pang Chan (Hong Kong, Hong Kong), Fanny Wai San Ko, David Chi Leung Lam, Lynn Yim Wah Shong, David Shu Cheong Hui, Safina Man Ting Lo, Tin Hung Wong

THE EFFECT OF DELAYED MEPOLIZUMAB INITIATION ON CLINICAL REMISSION AND FUNCTIONAL OUTCOMES IN UNCONTROLLED SEVERE ASTHMA: A REAL-WORLD STUDY. **PA1500**
Andrea Sánchez Alonso (Sevilla, Spain), Antonio León Lloreda, Belén Muñoz Sánchez, David Carlos Echevarría Kashmiri, María Luisa Polonio González, María Victoria Maestre Sánchez, María Auxiliadora Romero Falcón, Marta Ferrer Galván, Juan Francisco Medina Gallardo, Francisco Javier Álvarez Gutiérrez

A real-world quasi-controlled multicentre study evaluating the impact of benralizumab initiation on major outcomes in severe asthma **PA1501**
Dennis Thomas (Newcastle, Australia), Vanessa McDonald, Gijo Thomas, Joy Lee, Li Ping Chung, Matthew Peters, Shakti Shukla, Yuto Hamada, Erin Harvey, Michael Fricker, Hayley See, Rejoy Thomas, Claude Farah, Andrew Gillman, Constance Katelaris, Gregory Katsoulotos, David Langton, Peter Middleton, Paul Reynolds, Janet Rimmer, Francis Thien, Stephen Vincent, John Upham, Peter Gibson

COMSA-MEWS: A simple quantitative algorithm for determining response to biologics in severe asthma, tested in a real-world mepolizumab study **PA1502**
Valentyna Yasinska (Rönninge, Sweden), Johan Kolmert, Maria Sparreman Mikus, Lars I Andersson, Ann-Sofie Lantz, Eva Wallen-Nielsén, Apostolo Bossios, Nikolaos Lazarinis, Oksana Tenselius, Niclas Rydell, Craig E. Wheelock, Peter H. Howarth, Chris Brightling, Andrei Malinovschi, Christer Janson, Jenny Mjösberg, Barbro Dahlén, Anna James, Sven-Erik Dahlén

Real-world effectiveness of dupilumab in severe asthma: a 12-month single-center pre–post study **PA1503**
Gianluca Manganello (falciano del massico (CE), Italy), Lucia Morrone, Ludovica Capitelli, FIorentina Russo, Antonio Starace, Ferdinando Damato

PS-16 Session 137 12:30 - 14:00

Poster session: Characterising airway diseases: identifying treatable traits

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : Imaging Pulmonary function testing Cell and molecular biology General respiratory patient care Physiology Epidemiology Public health Pulmonary rehabilitation

Tag(s) : Clinical, Translational

Chairs : Silvano Dragonieri (Bari (BA), Italy), Simon Lea (Manchester (Greater Manchester), United Kingdom), Vickram Tejwani (Cleveland, United States)

Ultrasonographic assessment of diaphragmatic dysfunction in COPD patients and its association with disease severity and exacerbation-An analytical cross - sectional study **PA1504**
Deependra Kumar Rai (Patna (Bihar), India), Niraj Singh

CPT1A safeguards airway epithelial repair capacity in severe asthma via mitochondrial fatty acid oxidation **PA1505**
Muyun Wang (Shanghai, China), Wei Gao, Fan Chung, Qiang Li

Identification of diagnostic markers of senescence-associated gene in asthma based on machine learning and experimental validation **PA1506**
Liping Lei (Guilin, China), Dong Yao, Jianwei Huang, Jianghong Wei, Biwen Mo

Concordance and Discordance between GOLD Fixed Ratio and Lower Limit of Normal (LLN) in Defining Airflow Obstruction in the Philippine COPD Profile and Survival Study (CPASS) **PA1507**
Rainnier Ong (QUEZON CITY, Philippines), Earl Sempio

A smoking intensity modifies the effects of blood eosinophil counts on the risk of mortality in patients with COPD Ha Youn Lee (Seoul, Republic of Korea), Joohae Kim, Chang-Hoon Lee	**PA1508**
Blood and Sputum Eosinophil Counts in COPD with Coexistent Asthma Sophie Shields (Manchester, United Kingdom), Augusta Beech, Dave Singh	**PA1509**
Polymorphisms of P-glycoprotein (ABCB1) and asthma control: a longitudinal study Jane Ding (London, Canada), Lisa Cameron, Hana Serajeddini, Richard Kim, Constance Mackenzie	**PA1510**
Plasma Metabolomics Predict Progression from Asthma to COPD: Mediation by Telomere and Interaction with Genetic Susceptibility Jun Wen (Chongqing, China)	**PA1511**
Stability as a treatable target in COPD: 1 year real-world outcomes and predictors of instability Deborah Amato (Catania, Italy), Antonella Ficili, Domenico Caratozzolo, Adriana Scionti, Emanuele Castelli, Martina Scala, Giuseppina Pastanella, Lucia Spicuzza	**PA1512**
Blood Eosinophils and Exacerbation History in COPD: Identifying Eligibility for Type-2 Biologic Therapy Marco Vanetti (Tradate, Italy), Francesco Ardesi, Martina Zappa, Antonia Maria Taglioretti, Veronica Capuano, Carlotta Sofia Mennoia, Rosella Centis, Patrizia Pignatti, Dina Visca, Antonio Spanevello	**PA1513**
Sputum biomarkers of eosinophil degranulation in COPD; relationship with eosinophil cell counts. Augusta Beech (Manchester, United Kingdom), Alex Mulvanny, Andrew Higham, Dave Singh	**PA1514**
Beyond Pulmonary Function: The Relationship Between Mini Nutritional Assessment and Mortality in COPD Ipek Ozmen (Istanbul, Türkiye), Elif Yıldırım, Senem Gündüz, Nisanur Tutuş	**PA1515**
Impact of community spirometry with added consultant review on the diagnosis and management of patients with concurrent asthma and COPD Sanaa Ahmed (Liverpool, United Kingdom), Rachel Burton, Timothy Ho, Devon Ward, Mariella Scott, Carmen Bourne, Maria Christodoulou, Maria Puthoor, Hassan Burhan	**PA1516**
Grid analysis between FeNO and blood eosinophils on lung function, allergy and nasal polyps in ICS-treated adults with asthma Reshed Abohalaka (Göteborg, Sweden), Lauri Lehtimäki, Selin Ercan, Daniil Lisik, Saliha Selin Özuygur Ermis, Pinja Ilmarinen, Teet Pullerits, Helena Backman, Madeleine Rådinger, Bright Nwaru, Hannu Kankaanranta	**PA1517**
FeNO trajectories separate steroid response from non-response in adults Reshed Abohalaka (Göteborg, Sweden), Bright Nwaru, Hannu Kankaanranta, Madeleine Rådinger, Caroline Stridsman, Jon Konradsen, Fredrik Nyberg, Apostolos Bossios, Guy Brusselle, Lies Lahousse, Lowie Vanfleteren	**PA1518**
The burden of severe asthma: psychometric properties of the ICECAP-A to assess wellbeing capabilities using data from the SHARP BoA study Romy M. Budding (Leiden, Netherlands), M. Elske van den Akker-van Marle, Lianne ten Have, Joe W. Lanario, Michael E. Hyland, Anne McGahey, Dominique Hamerlijnck, Aruna T. Bansal, Anneke ten Brinke, Kim de Jong, Tania Wainwright, Joanna Tilley, Simon Doe, Matt Masoli, Jacob K. Sont	**PA1519**
Type 2–associated cytokines identify corticosteroid-responsive COPD - Insights from the HISTORIC study Eleni Papakonstantinou (Freiburg, Germany), Theodora-Dionysia Sarantopoulou, Maria Pascarella, Sebastian Fähndrich, Björn-Christian Frye, Leticia Grize, Daiana Stolz	**PA1520**
COPD & NCFB Patient Journey Mitra Vahdati-Bolouri (High Wycombe (Buckinghamshire), United Kingdom), Chiko Ncube, Dave Pearce, Michael Hazel, Nina Paley, Sameer Mistry, Mitra Vahdati-Bolouri	**PA1521**
Obstructive sleep apnoea in adult bronchial asthma: prevalence and association with asthma control and comorbidities Shivani Acharya (Mumbai, India), Prahlad Prabhudesai, Abha Pandey	**PA1522**

PS-17 Session 138 12:30 - 14:00

Poster session: Who is at risk? Determinants of disease burden in asthma and COPD

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Respiratory intensive care Pulmonary function testing Physiology

Tag(s) : Clinical, Prevention

Chairs : Simon Couillard (Sherbrooke, Canada), Nizar Jarjour (Madison, United States), Sameera Ansari (Sydney (NSW), Australia)

Late Breaking Abstract - Real-world performance of N-Tidal Diagnose for diagnosing COPD in a Dutch secondary care cohort Manon Broekhuijsen - Godding (Lanaken, Belgium), Lauren Reinders, Bob Strikers, Leeran Talker, Gabriel Lambert, Ameera Patel, Sami Simons	**PA1523**
Inflammatory profile and blood gas exchanges in SARS-CoV-2 triggered acute exacerbations of chronic obstructive pulmonary disease: a single-centre, prospective, observational study. Matteo Ciraci' (Milan, Italy), Claudio Tirelli, Michele Bonanomi, Sofia Baroni, Stefano Centanni, Michele Mondoni	**PA1524**
Evaluating the Impact of Baseline Characteristics on Asthma-Related Hospital and ICU Admissions: A Single-Centre Retrospective Study Asim Mehmood (Leeds, United Kingdom), Sana Ahmad, Abid Khan, Ian Clifton, Rashad Salman	**PA1525**
Frequency and Clinical Relevance of Residual Bronchodilator Response in Adults with Asthma Vera Veith (Großhansdorf, Germany), Frauke Pedersen, Espen Groth, Henrik Watz, Thomas Bahmer, Benjamin Waschki, Klaus F. Rabe, Nicole Maison, Bianca Schaub, Erika von Mutius, Gesine Hansen, Folke Brinkmann, Matthias Kopp, Mustafa Abdo	**PA1526**
Beyond the lungs: type 2 diabetes mellitus as a determinant of clinical burden and severity in COPD Füsun Parlakyigit (Ankara, Türkiye), Yadikar Kapan Özdağ, Miraç Öz Kahya, Öznur Yıldız	**PA1527**
Predicting early COPD exacerbations: real-life performance of the RADAR score João Pedro Marques Macedo (Valbom, Portugal), Luís Filipe Santos Silva, Anita Lascasas Trigueira, Maria Luís Silva, José Pinto, Francisca Teixeira Lopes, Rita Gomes, Margarida Costa e Silva, Jorge Ferreira	**PA1528**
Cardiovascular Events in patients hospitalized for Acute Exacerbation of Chronic Obstructive Pulmonary Disease STAVROULA ZANELI (ATHENS, Greece), Konstantinos Bartziokas, Anastasia Papaporfyriou, Angelos Vontetsianos, Agamemnon Bakakos, Kyriaki Cholidou, Nektarios Anagnostopoulos, Georgios Zakinthynos, Evangelos Oikonomou, Nikolaos Chynkiamis, Christina Anagnostopoulou, Nikoletta Rovina, Bakakos Petros, Andriana Papaioannou	**PA1529**
Continuous cough monitoring surrounding COPD exacerbations: interim findings from a prospective multi-center study Asia Baginska (Sheffield, United Kingdom), Fhabián S. Carrión-Nessi, Mario Rubio, Federica Gammella, Astrid Alvarado, Juan Pablo De Torres, Javier Bartolomé, Mindaugas Galvosas, Peter Small, Joe Brew, Carlos Chaccour	**PA1530**
COPD exacerbation type according to previous COPD treatment STAVROULA ZANELI (ATHENS, Greece), Angelos Vontetsianos, Konstantinos Bartziokas, Anastasia Papaporfyriou, Agamemnon Bakakos, Kyriaki Cholidou, Nektarios Anagnostopoulos, Georgios Zakinthynos, Evangelos Oikonomou, Nikolaos Chynkiamis, Christina Anagnostopoulou, Nikoletta Rovina, Petros Bakakos, Andriana Papaioannou	**PA1531**
Nurse-administered urgent care risk stratification identifies asthma patients with high healthcare utilisation Hui Zhen Jayne Chan (Singapore, Singapore), Teng Wee Brandon Pee, Mei Yun Genevieve Tan, Binte Noor Mohamed Jaleelahbeevi, Joanne Khor, Wee Hian Tan, Mei Fong Liew	**PA1532**
COPD Assessment Test Variability and Exacerbations in COPD: A Prospective Study with Virtual Assistant Follow-up Robson Prudente (Botucatu (SP), Brazil), Cristina Aljama, Ane Lopez-Gonzalez, Galo Granados, Maria A Ramon, Suzana Tanni, Júlia Sampol, María Sáez-López, Núria Rodés, Yesly Esthepannie Carlos, Mercedes Pallero, Sergi Martí, Cristina Esquinas, Marc Miravitlles, Miriam Barrecheguren	**PA1533**
Chronic and presenting characteristics of patients admitted to an adult intensive care unit with an asthma exacerbation over a 10 year period Krishna Sivakumaran (Oxford, United Kingdom), Jake Roberts, Atena Metsel, Safal Sable, Gareth Trevelyan, Andrew Chadwick	**PA1534**

Early identification of "high-risk" asthma and progression to bio-eligibility: A retrospective cohort study using UK data **PA1535**
Liam Coyle (Belfast, United Kingdom), John Busby, Pamela Jane McDowell, David Price, Charlene Redmond, Gwyneth A Davies, Jennifer Quint, Liam Gabriel Heaney

Asthma incidence and risk factors in tuberculosis survivors: a longitudinal analysis of national health data **PA1536**
Hyun Lee (Seoul, Republic of Korea), Jong Geol Jang, Sang-Heon Kim

Armed Conflict as a Determinant of Asthma Control Deterioration: Longitudinal Monitoring in a Frontline Population **PA1537**
Vladyslava Kachkovska (Sumy, Ukraine), Anna Kovchun, Iryna Dudchenko, Lyudmyla Prystupa

Associations between blood cell ratios and asthma control: a cross-sectional study **PA1538**
Ezgi Özbay Oral (istanbul, Türkiye), Zeynep Mercancı, Esra Karabiber, Berrin Ceyhan

Quality of life as a reflection of asthma control, inflammation and clinical disease burden **PA1539**
Tyulin Riza (Pleven, Bulgaria), Zlatina Ivanova, Nikolay Kyuchukov, Yavor Ivanov

Impact of obesity on quality of life in patients with asthma: a cross-sectional study from constantine, algeria **PA1540**
REDOUANE BELALA (CONSTANTINE, Algeria), Boutheyna Chabani

Obesity and tidal expiratory flow limitation: rethinking airway geometry in asthma **PA1541**
Amina BELGHITRI (Oran, Algeria), Lakhdar Zemour, Fatima Mahieddine, Fadila Benatta, Wael Azzi, Sabrina Benissad, Fatima Fellague, Zahia Kouadi, Mokhtar Bouhadda, Salah Lellou, Aissa Ouardi

Frequency of metabolic syndrome components in patients with chronic obstructive pulmonary disease **PA1542**
Shakhboskhan Akhmedov (Tashkent, Uzbekistan), Feruzakhon Akhmedova, Shoira Matrzayeva, Rafkat Fattoxov

PS-18 Session 139 12:30 - 14:00

Poster session: Variability, trajectories and disease progression in airway diseases

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Physiology Cell and molecular biology Imaging Pulmonary function testing Public health

Tag(s) : Clinical, Translational , Digital health

Chairs : Jacob K. Sont (Leiden, Netherlands), Antonio Moretti (Modena, Italy), Jingwen Zhang (Melbourne, Australia)

Late Breaking Abstract - Developed/persisted chronic bronchitis, but not mucus plugging, is associated with FEV1 decline in young adult smokers at risk of COPD: BEACON cohort **PA1543**
Aaron Braddy-Green (London, United Kingdom), Dheeraj Sethi, Apolline Marion, Andrew Ritchie, Sachin Ananth, Luana Alves-Moreira, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan McGarvey, Elizabeth Sapey, Dave Singh, Tom Wilkinson, Lineu Baldissera, Mirco Govoni, Hana Müllerová, Kristoffer Ostridge, Julie Yates, Eric Hoffman, Paul Jones, Jørgen Vestbo, Peter Calverley, Jadwiga Wedzicha, James Allinson

Evolution of Lung Function with Biologic Therapy in Patients with Severe Uncontrolled Asthma at Juan Ramón Jiménez Hospital (Huelva, Spain) **PA1544**
Carmen Sanchez Garcia (HUELVA, Spain), Ana Rodríguez Cabrera, Marta Pérez Ortega, Clara Romero Sayago, Alberto González Hernández, Jessica Hilares Vera, Jaime Domínguez Caro, Myriam Gandulfo Lara, Sara González Gutierrez, Carolina Puchaes Manchón, Estefanía Vélez Menis, Antonio Pereira Vega

Dissociation Between Spirometric Recovery and Persistent Small Airway Dysfunction After Acute Asthma Exacerbations in a Prospective Cohort Study **PA1545**
Nour Bou-Aoun (Montréal, Canada), Sydney Joy, Tomotaka Nishizawa, Cathy Fugere, James Martin, Nermin Diab

Modeling COPD worsening: a longitudinal cohort study **PA1546**
Maeva Zysman (cabanac et villagrains, France), Ana-Lucia Tula, Mohamed Yassir Errahmani, Laurent Boyer, Pascal Chanez, Bruno Ribeiro Baptista, Olivier Le rouzic, Camille Taille, Jesus Gonzalez-Bermejo, Pierre-Olivier Girodet, Arnaud Bourdin, Nicolas Molinari, Pierre-Régis Burgel, Nicolas Roche, Laurent Guilleminault, Laurent Razat, Patrick Berger, Xavier Boucher, Vincent Augusto, Marianne Sarazin

Predicting individual lung function trajectories in chronic respiratory diseases: a preliminary approach using mixed models **PA1547**
Nika Cvetanovski (Leuven, Belgium), Maarten De Vos, Thomas Strypsteen, Thierry Troosters, Wim Janssens, Marieke Wuyts

Comparison of Post-Exercise Recovery and Lung Function in COPD versus TOPD patients Sayoni Sengupta (Kolkata, India), Saikat Banerjee, Pallav Bhattacharyya, Avishek Kar, Dipanjan Saha, Wrick Chakraborty, Sayanti Karmakar, Debkanya Dey, Shuvam Ghosh, Srijita Sen, Sumedha Biswas, Parthasarathi Bhattacharyya	**PA1548**
COPD disease trajectories and impact of GOLD E: Danish nationwide cohort study Anders Løkke (Vejle, Denmark), Yunus Çolak, Peter Bo Poulsen, Ditte Marie Clugston, Jens Olsen, Sandra Benkjer Stallknecht, Maria Dybdahl Hammer, Johannes Ammann, Nick Jovanoski, Sami Mahrus, Charlotte Suppli Ulrik	**PA1549**
Airflow obstruction (AFO) in mild moderate and severe asthma: associations with small airway disease, clinical characteristics, bronchodilator responsiveness, and T2 markers Alex Mann (London, United Kingdom), Aruna Bansal, Melissa Bevan, Alex Lima, Rachna Goburdhun, Sharon Isaacs, Christine Topham, Katie Rees, Mona Bafadhel	**PA1550**
Spirometric lung function patterns in chronic respiratory symptomatic patients in post-conflict tigray, Ethiopia: implications for GLI reference equations in African populations Araya Asgedom (Mekelle, Ethiopia), Sushan Berhe	**PA1551**
Five-year survival associated with obstructive and restrictive spirometric abnormalities identified through community-based screening Pin-Kuei Fu (Taichung, Taiwan), Lan-Yan Yang	**PA1552**
Preserved ratio impaired spirometry (PRISm): early risk factors and longitudinal clinical characteristics over six decades of life using data from the Tasmanian Longitudinal Health study (TAHS). Jingwen Zhang (Melbourne, Australia), Dinh Bui, Jennifer Perret, Michael Abramson, Adrian Lowe, Chamara Senaratna, Caroline Lodge, E.Haydn Walters, Shyamali Dharmage	**PA1553**
Age- and Sex-Specific Effects of Longitudinal Body Composition Dynamics on Lung Function: Insights from the Austrian LEAD Study Oliver Helk (Vienna, Austria), Charmaine J.M. Lim, Mohammad Azizzedeh, Charles G. Irvine, Tobias Mraz, Alina Ofenheimer, Emiel F. M. Wouters, Robab Breyer-Kohansal, Marie-Kathrin Breyer	**PA1554**
Longitudinal changes in PFT and MBN2W after Hematopoietic Stem Cell Transplantation: focus on Bronchiolitis Obliterans Syndrome Ilaria Domenica Piscopo (Rome, Italy), Matteo Morviducci, Roberto Romiti, Roberta Dortucci, Alessandro Porcella, Diana Iannello, Maria Laura Graziani, Matteo Bonini, Paolo Palange	**PA1555**
Predictors of weight variations in patients with COPD: a longitudinal cohort study Mohamed Yassir Errahmani (Montpellier, France), Rosanne Beijers, Annemie Schols, Pascal Chanez, Bruno Ribeiro-Baptista, Olivier Le Rouzic, Camille Taillé, Jesus Gonzalez-Bermejo, Pierre-Olivier Girodet, Arnaud Bourdin, Nicolas Molinari, Pierre-Régis Burgel, Nicolas Roche, Laurent Guilleminault, Laurent Boyer, Bruno Degano, Patrick Berger, Maéva Zysman, Pauline Henrot	**PA1556**
Definitions of early COPD and predictors of disease progression: a systematic review Kane Alexander (London, United Kingdom), Gbenga Adesoye, Ross Davidson, Fu Chuen Kon, Arnav Sharma, Mosea Song, Isobel Soper, Akhilesh Jha, Marie Fisk, Alastair Watson	**PA1557**
Domiciliary FeNO variability: a pre-specified secondary analysis of the INFORM ASTHMA Randomised Controlled Trial Jonathan Noble (Bristol, United Kingdom), Ian Pavord, Mark Weatherall, Richard Beasley	**PA1558**
Derivation and Definitions of Clinical Study Variables for Multimorbidity in Patients with Chronic Obstructive Pulmonary Disease (COPD): A modified Delphi study Mohit Bhutani (Edmonton (AB), Canada), Tobin Joseph, Amy Couper, Rachel Pullen, Ramesh Nadarajah, Ayodya Samarawickrama, Luis Alves, Maria Felicia Montero-Arias, Riyad Al-Lehebi, David D Berg, Nathaniel M Hawkins, John R Hurst, Christine R Jenkins, Alan Kaplan, Janwillem WH Kocks, Konstantinos Kostikas, Carolyn S.P Lam, Therese S Lapperre, Chin Kook Rhee, Naveed Sattar, Daiana Stolz, Gary Tse, Tonya Winders, David Price, Chris P Gale	**PA1559**
Cluster-based LSTM for predicting COPD exacerbations: integrating environmental, behavioral, and clinical data Jungin Joo (Seoul, Republic of Korea), Jin Lee, Suna Kang, Sun Hye Shin, Juhee Cho, Hye Yun Park	**PA1560**
Biologic therapy in severe asthma reveals distinct functional trajectories: a real-life cluster analysis Beatrice Ragnoli (Vercelli, Italy), Carlotta Bertelegni, Patrizia Pochetti, Fausto Chiazza, Mario Malerba	**PA1561**

Neutrophil-To-Lymphocyte Ratio at admission to hospital for COPD exacerbation (ECOPD) predicts 90-days mortality or re-hospitalization **PA1562**
Mariano Reginato (Ferrara, Italy), Tommaso Bigoni, Michele Schincaglia, Luca Pontalto, Gioacchino Schifino, Marco Contoli, Alberto Papi, Federico Baraldi

PS-19 Session 140 12:30 - 14:00

Poster session: Decoding COPD through biomarkers

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Pulmonary function testing Cell and molecular biology Imaging Physiology Public health Epidemiology Respiratory intensive care General respiratory patient care

Tag(s) : Basic science, Translational

Chairs : Maarten van den Berge (Groningen, Netherlands), Samuel Genzor (Olomouc, Czech Republic), Giovanna Elisiana Carpagnano (Bari, Italy)

Late Breaking Abstract - Integrated study of miRNome and secretome profile in biologic-treated severe asthma **PA1563**
Jose Antonio Cañas (Madrid, Spain), Gema Guillén-Sánchez, Álvaro Arranz-Fragua, Alma Martínez-Fernández, Daniel Rodríguez-González, Antonio Serrano-Santiago, Jaime Bernaola, Marcela Valverde-Monge, Diana Betancor, Erwin Javier Pinillos-Robles, Claudia Rodríguez-Busto, María Jesús Rodríguez-Nieto, Victoria del Pozo

Association between LHR (lymphocyte to high-density lipoprotein ratio) and severity of airflow limitation in chronic obstructive pulmonary disease: a cross-sectional study **PA1564**
Nowroj Ahmed (Dhaka, Bangladesh), Mithun Chakrabarty, Md Hamza, Nirmol kanti Sarker, Md. Shahjahan Ali, Jannatul Ferdaus, Sheikh Nazmul Islam, Md Shafiqul Islam

Talin2 as a blood biomarker in patients with chronic obstructive pulmonary disease **PA1565**
An Soo Jang (Bucheon, Republic of Korea), Pureun-Haneul Lee, SangMin Yoon

Enterobacteriaceae Overgrowth and Systemic Inflammation in COPD: Progressive Dysbiosis Across GOLD Stages **PA1566**
Durdona Saipova (Tashkent, Uzbekistan), Dano Egamberdieva

Expression of Sputum-Derived Exosomal microRNAs in Chronic Obstructive Pulmonary Disease: A Case–Control Study **PA1567**
Ourania Kotsiou (Larissa, Greece), Irene Tsilioni, Aikaterini Tsiggene, Aikaterini Katsanaki, Nikolaos A.A. Balatsos, Erasmia Rouka, Zoe Daniil, Irene Gerogianni, Konstantinos I. Gourgoulianis

Impact of single nucleotide polymorphism in the methylenetetrahydrofolate reductase gene on longitudinal decline in pulmonary function in a community-based cohort **PA1568**
Kodai Furuyama (Yamagata, Japan), Yoichiro Otaki, Shuhei Itasaka, Yuta Kanno, Sosuke Kume, Sachie Nawa, Yoshihiko Yuki, Shigeyuki Fukushima, Maki Kobayashi, Kento Sato, Hiroshi Nakano, Takako Nemoto, Michiko Nishiwaki, Akira Igarashi, Tsuneo Konta, Masafumi Watanabe, Sumito Inoue

Persistent post-treatment hyperhomocysteinaemia identifies a high-risk clinical phenotype in severe COPD **PA1569**
Shakhnoza Kuchkarova (Tashkent, Uzbekistan), Elnora Abduganieva, Humoyun Kuchkarov

Differential Associations of Eosinophils with COPD, Asthma, and Asthma–COPD Overlap: A Proteome-Based Mediation Analysis in the UK Biobank **PA1570**
Xiaojie Wu (Shenyang, China), Jingjing Fan, Huiyuan Ding, Li Zhao, Yang Xia

Evaluation of the serum AGEs, cLDL and LOX-1 as biomarkers in COPD. **PA1571**
Dimo Dimov (Stara Zagora, Bulgaria), Tanya Tacheva, Elina Aleksandrova, Hristina Petrova, Tatyana Vlaykova

Elevated platelet-to-lymphocyte ratio during initiation of long-term home non-invasive ventilation in chronic hypercapnic COPD is linked to increased mortality and earlier hospitalization **PA1572**
Balázs Csoma (Budapest, Hungary), Andrew Chai, Andrew Bentley, Eleanor Croft, Zsófia Lázár, András Bikov

Narrative Frailty and the Narrative Efficiency Axis: Linguistic Phenotyping of COPD and Long COVID. A Pilot Study using Automated Natural Language Processing Across the Seven Domains of Health **PA1573**
Estella Ogbebor (Dublin, Ireland), Marie Celine Dorczok, Seamus J Linnane

Type 2 biomarkers across small airway dysfunction phenotypes in adults with tobacco exposure **PA1574**
Yi-Hsuan Chang (Douliu (Yunlin), Taiwan), Shu-Fa He, Ying-Yin Chen, Yen-Fu Chen, Jung-Yien Chien, Hao-Chien Wang, Chong-Jen Yu

Computed tomography-derived ventilation discordance index in normal spirometry, PRISm, and COPD **PA1575**
Ji-Yong Moon (Seoul, Republic of Korea), Yeon Joo Lee, Youlim Kim, Kwang-Ha Yoo, Hyonsoo Joo, Hye Yun Park, Naoya Tanabe

A new multidimensional risk assessment tool for COPD patients: clinical, functional, and biomarker findings **PA1576**
Daniel Piamonti (Roma (RM), Italy), Michela D'Ascanio, Bruno Sposato, Alessandra Pagliuca, Raffaele Sglavo, Alberto Ricci

Copper content in the blood during progression of bronchial obstruction in patients with COPD **PA1577**
Alla Zuban (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Mariana Kulynych-Miskiv, Iryna Makoida, Olha Melnyk-Sheremeta, Vasyl Miskiv

Effects of long-acting bronchodilators on fractional exhaled nitric oxide and systemic inflammatory biomarkers in stable COPD **PA1578**
Esra Ertan Yazar (Istanbul, Türkiye), Deniz Bilici, Buket Çalışkaner Öztürk, Hatice İrem Aközlü, Ilgım Vardaloğlu Koyuncu, Handan Ankaralı, Burcu Arpınar Yiğitbaş, Bilun Gemicioğlu

Smoking-Associated Changes of Extracellular Vesicles in Plasma and Induced Sputum of COPD Patients and Healthy Controls **PA1579**
Meike Müller (Hannover, Germany), Shabnam Wetzel, Tonia Bargmann, Larissa Marie Kasperek, Jens M. Hohlfeld

Usefulness of impulse oscillometry for detecting early small airway dysfunction in patients with Pre-COPD **PA1580**
Onur Binici (Izmir, Türkiye), Serir Ozkan, Selma Nur Ozkiraz Binici, İlker Özdemir, Celalettin Yılmaz

Linking IL-24 to COPD Severity: Clinical Biomarker and Regulator of Cellular Self-Destruction Pathways **PA1581**
Yinan Yao (Hangzhou, China), Luyun Cui, Guangdie Yang, Jianya Zhou, Jianying Zhou

The sputum microbiota and long-term clinical outcomes in patients with chronic obstructive pulmonary disease **PA1582**
Hollian Richardson (Dundee, United Kingdom), Daniela Alferes de Lima Headley, Rebecca C Hull, Rachel Galloway, Holly Lind, Chandani Hennayake, Lucy Bidgood, Ellie Kewin, Holly R Keir, Alison J Dicker, Jennifer Pollock, Eve McIntosh, Simon Finch, Hani Abo Leyah, Morven Shuttleworth, Amy Gilmour, Merete B Long, Philip M Short, James D Chalmers

PS-2 Session 141 12:30 - 14:00

Poster session: Measure, move, improve: muscle function, sarcopenia, frailty and pulmonary rehabilitation

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Respiratory critical care | Thoracic oncology

Method(s) : Physiology | Pulmonary rehabilitation | General respiratory patient care | Epidemiology | Palliative care | Public health | Pulmonary function testing | Respiratory intensive care

Tag(s) : Clinical, Digital health

Chairs : Amy Attaway (Cleveland, United States), Lorna Latimer (Leicester, United Kingdom), Inga Jarosch (Schönau am Königssee, Germany)

Late Breaking Abstract - Urea-to-creatinine ratio and markers of muscle vulnerability in hospitalized heart failure patients **PA1583**
Felipe Farah Pinheiro Rodrigues (São Paulo, Brazil), Felipe Farah Pinheiro Rodrigues, Caroline Gomes Mol, Flávia Sales Leite, Maiara de Moura Lupi, Mariana Santos Rabelo, Julia Machado da Costa Pennone, Rogério Dib, Thamie Stella, Raquel Afonso Caserta Eid, Luciana Maria Malosa Sampaio

Which components of pulmonary rehabilitation improve quadriceps strength in COPD? A component network meta-analysis **PA1584**
Thomas Ward (Leicester, United Kingdom), Lorna Latimer, Enya Daynes, Suzanne Freeman, Sarah Ward, Jiaqing Xu, Muhammed Haris, Majda Bakali, Sophie Reap, Mamoon Iqbal, Lin Wang, Akash Mavilakandy, Aarinola Olaiya, Hnin Aung, Theresa Harvey-Dunstan, Sally Singh, Neil Greening, Rachael Evans, Michael Steiner, Alex Sutton

The prevalence of sarcopenia in a respiratory rehabilitation setting: a cross-sectional study Maria Gamito (Dublin, Ireland), Ciara Walsh, Lucy Guinan, Ellen Kiernan, Maria Buffini, Aoife Courtney, Jacqueline Boyle, Eimhear Shortall, Kudos Anyakudo, Minesh Kooblall	**PA1585**
Accuracy of estimated one-repetition maximum equations for knee extension strength assessment in pulmonary rehabilitation Holly Sharp (London, United Kingdom), Bilal Badmos, George D Edwards, Melanie Palmer, Karen Ingram, Kerry Harding, William D-C Man	**PA1586**
Estimating knee extension one repetition maximum from sit-to-stand performance in COPD Holly Sharp (London, United Kingdom), Hafsa Amir, George D Edwards, Melanie Palmer, Kerry Harding, Karen Ingram, William D-C Man	**PA1587**
Comparative responsiveness of lower limb functional measures following pulmonary rehabilitation in COPD Timothy O Jenkins (London, United Kingdom), Irida-Aikaterini Konstantinidi, Hao Xue, George Edwards, Claire Nolan, Karen Ingram, William Man	**PA1588**
Feasibility and clinical utility of wrist-worn accelerometry for assessing explosive leg power in inpatient pulmonary rehabilitation: a pilot study Riad Bejta (Budapest, Hungary), Abel Megyaszai, Janos Tamas Varga	**PA1589**
Upper Limb Exercise Training and COPD: An Umbrella Review Hidaye YAMIKAN (ANKARA, Türkiye), Aynur Demirel	**PA1590**
Longitudinal loss of muscle oxidative capacity over 5 years is not associated with reduction in lung function or total physical activity volume in people with and without COPD Alessandra Adami (Kingston, United States), Robert Calmelat, Richard Casaburi, Harry B. Rossiter	**PA1591**
Hypercapnia is associated with lower muscle mass in Chronic Obstructive Pulmonary Disease (COPD) Léo Grassion (Bordeaux, France), Benoit Costes, Julia Rubenstein, Ivan Sanfourche, Mohamed Yassir Errahmani, Pascal Chanez, Bruno Ribeiro-Baptista, Olivier Le Rouzic, Camille Taillé, Jésus Gonzalez-Bermejo, Pierre-Olivier Girodet, Arnaud Bourdin, Nicolas Molinari, Pierre Régis Burgel, Nicolas Roche, Laurent Boyer, Laurent Raza, Patrick Berger, Maéva Zysman, Pauline Henrot	**PA1592**
Prevalence of sarcopenia and its association with clinical outcomes in COPD outpatients Eduardo Garcia (Porto Alegre (RS), Brazil), Maitê Colussi, Flávia Silva, Juliessa Florian, Alicia Hartmann, João Gabriel Brum, Adalberto Rubin	**PA1593**
Prevalence and clinical characteristics of respiratory sarcopenia in older adults with chronic obstructive pulmonary disease Takako Tanaka (Nagasaki, Japan), Yorihide Yanagita, Tatsuya Morishita, Fumiya Nagata, Shusuke Toyama, Kazuaki Suyama, Kazuya Shingai, Tomoyuki Ikeuchi, Kentaro Mori, Ryo Kozu	**PA1594**
Evaluation of Sarcopenia Prevalence, SARC-F Score, Muscle Strength, and Muscle Cross-Sectional Area, and Their Impact on Long-Term Prognosis in Patients with Interstitial Lung Disease Ipek Ozmen (Istanbul, Türkiye), Fırat Saydın, Elif Yıldırım, Nisanur Tutuş, Ahmet Kürşat Karaman	**PA1596**
Association between respiratory muscle strength and exercise capacity in obstructive and non-obstructive lung patients before and after pulmonary rehabilitation Marijan Potzmann (Vienna, Austria), Lena Kleiner, Benjamin Sabic, Ingeborg Pötz, Karin Vonbank	**PA1597**
Time-Dependent Effects of Postoperative IMT Following Lung Resection: a systematic review and Meta-analysis Funda Alma (Ankara, Türkiye), Ceyhun Topcuoğlu, Ebru Çalık, Melda Sağlam	**PA1598**
Expiratory muscle training for respiratory dysfunction in neurological disorders: A systematic review Manolya Acar (Ankara, Türkiye), Berfin Altun, Mustafa Musab Aydın, Ali Mert Özcan	**PA1599**
Urinary N-terminal Titin Fragment Reflects Physical Frailty in Chronic Obstructive Pulmonary Disease Fumiya Kotajima (Maebashi, Gunma, Japan), Yasuhiko Koga, Masakiyo Yatomi, Hiroaki Tsurumaki, Daigo Kato, Isao Ito, Naoki Wada, Takeshi Hisada	**PA1600**
Impact of Frailty on Rehabilitation Outcomes in Older COPD Patients Claudio Candia (Telese Terme, Italy), Chiara Di Lorenzo, Antonio Iovine, Klara Komici, Carmen Lombardi, Giuseppe Rengo, Mauro Maniscalco	**PA1601**
The impact of pulmonary telerehabilitation on frailty in chronic obstructive pulmonary disease: a prospective cohort study Alexander Ni (Montréal, Canada), Chantal Robitaille, Nathalie Saad, Sunita Mulpuru, Mathew Cherian	**PA1602**

PS-20 Session 142 12:30 - 14:00

Poster session: Immune mechanisms and therapeutic targets in severe asthma

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Pulmonary function testing Respiratory intensive care

Tag(s) : Basic science

Chairs : Christian Taube (Essen, Germany), Gert-Jan Braunstahl (Rotterdam, Netherlands), Laura Fernandez-Rodriguez (Epalinges, Switzerland)

Late Breaking Abstract - Immunoproteasome subunit PSMB8 as a regulator of Th17 differentiation in neutrophilic asthma Wei Wang (, China), QingLing Zhang, Bocai Zhang, Lu Liu, Changxing Ou, Mingkai Huang, Xuliang Cai	**PA1603**
Regulatory T cell reductions in severe asthma attacks (PRISMA cohort) Anne-Pascale Tremblay (Sherbrooke, Canada), Dominic Cliche, Carlos Celis-Preciado, Martine Duval, Philippe Lachapelle, Simon Couillard, Martin Klein	**PA1604**
IL-33 enhances disulfidptosis sensitivity in activated eosinophils via SLC7A11 to limit eosinophilic airway inflammation Jiafei Lou (Hangzhou, China), Wen Li	**PA1605**
Phenotypically activated peripheral blood eosinophils in asthma – A possible role for MDSCs? Hannes Ingelhag (Gothenburg, Sweden), Carina Malmhäll, Jenny Calvén, Hiba Sayedali, Neeraj Patil, Selin Özuygur, Hannu Kankaanranta, Madeleine Rådinger	**PA1606**
Clinical relevance of serum and BALF angiopoietin-like protein 4 in eosinophilic pneumonia Yasuhito Suzuki (Fukushima, Japan), Junpei Saito, Mami Rikimaru, Ryuki Yamada, Tetsuya Egawa, Takahiro Kumanaka, Ryutaro Tanaka, Kentaro Kazama, Koshi Saito, Rina Harigane, Riko Sato, Hikaru Tomita, Natsumi Watanabe, Takashi Umeda, Ryuichi Togawa, Yuki Sato, Xintao Wang, Kenya Kanazawa, Yoshinori Tanino, Keinosuke Hizuka, Shigeharu Ueki, Yoko Shibata	**PA1607**
Advanced glycation end-products may contribute to corticosteroid insensitivity in asthma Masako To (Saitama, Japan), Yoshihito Arimoto, Natsue Honda, Kosuke Haruki, Yasuo To	**PA1608**
Differential associations of plasma and sputum IL-6 with adult asthma outcomes Sae Akiyama (Sapporo, Japan), Houman Goudarzi, Hirokazu Kimura, Akane Mita, Miho Wakazono, Nobuyasu Wakazono, Kaoruko Shimizu, Ichizo Tsujino, Hironi Makita, Masaharu Nishimura, Satoshi Konno	**PA1609**
Sputum neutrophils as a predictive biomarker for adult lower respiratory tract infections Lianrong Huang (Guangzhou, China), Chen Zhan, Fang Yi, Hankun Lu, Wenbin Ding Ding, Xiaoyu Zhang, Kefang Lai	**PA1610**
Sex-Specific Changes in Sputum Levels of CD8+ Cytotoxic T cells in Severe Asthma Exacerbations Lucy (Zi Shan) Chen (Toronto, Canada), Nahal Emami Fard, Xiaotian Ju, Chynna Huang, Emily Merjo, Yinglan Xie, Imran Satia, Paul O'Byrne, Terence Ho, Manali Mukherjee, Parameswaran Nair, Roma Sehmi	**PA1611**
Hidden Cognitive Dysfunction in Severe Asthma: Prevalence, Genetic Susceptibility, and Independence from Clinical Remission Mona Al-Ahmad (Kuwait City, Kuwait), Asmaa Ali, Wafaa Talat	**PA1612**
Integrated proteomic and metabolomic analysis of plasma-derived extracellular vesicles reveals the impact of allergen-specific immunotherapy in pediatric allergic asthma Wenting Luo (Guangzhou (Guangdong), China)	**PA1613**
Assessing Dietary and Smoking Confounders in Breath Based VOC Profiles Using the Exhale-Dx™ Platform Hanya Ahmed (London, United Kingdom), Jona Flavier, Victor Higgs	**PA1614**
Heterogeneity of expression of biomarkers of type-2 inflammation in severe asthma Simin Yu (Oxford, United Kingdom), Jian Luo, Catherine Borg, Luzheng Xue, Ian Pavord	**PA1615**
Exacerbation burden identifies risk of lung function decline across asthma phenotypes Akhtar Hossain (Cambridge, United States), Yifan Zhu, Megan Hardin, Lang Lang, Maddi Laws, David Delvart, Bina Choi, Mary Brown, Benjamin Suratt, Zhaoling Meng	**PA1616**
Airway mast cell CPA3 associates with type 2 inflammation and airway hyperresponsiveness and indicates ICS response in asthma Morten Hvidtfeldt (Copenhagen, Denmark), Premkumar Siddhuraj, Lise Lotte Eriksen, Jimmie Jönsson, Asger Sverrild, Celeste Porsbjerg, Jonas S Erjefält	**PA1617**

Targeting STAT3 Phosphorylation Attenuates Corticosteroid Resistance and Airway Hyperresponsiveness in Asthma with Eosinophilic and Neutrophilic inflammation — **PA1618**
Yishu Xue (Shanghai, China), Yilin Pan, Yan Zhou, Hang Su, Xue Zhang, Lei Zhao, Lei Han, Yali Qiu, Qiang Fu, Xia Fei, Wuping Bao, Min Zhang

Inhalable MMP12 inhibitor-loaded albumin nanoparticles for severe asthma therapy — **PA1619**
Jiahuan Xu (HangZhou, China), Wen Li

Effects of Previous Infections on Asthma Phenotypes and Immune Responses Across Age Groups of Mice — **PA1620**
Ruonan Zhou (beijing, China), Zengqing Liu, Liuyinuo Zhao, Yingjie Xu, Yan Li, Yifan Shi, Hanxiao Zhang, Yunqi Li, Ge Bai, Yan Chen, Zhe Lv, Jingjing Wang, Lei Wang, Jie Liu, Wei Wang, Sun Ying

Bronchial epithelial cell pyroptosis promotes airway inflammation and remodeling in allergic asthma via the NLRP3/caspase-1 signaling pathway — **PA1621**
Min Li (Kunming, China), Zhuang Luo, Wenye Zhu

Bronchial cell pyroptosis promotes Th17 proliferation and activation via HMGB1/TLR4/STAT3 pathway — **PA1622**
Shuyuan Chu (Guilin, China), Biwen Mo, Jianghong Wei

PS-21 Session 143 12:30 - 14:00

Poster session: Type 2 inflammation and exacerbations in COPD

Disease(s) : Airway diseases

Method(s) : Epidemiology Cell and molecular biology Pulmonary function testing Public health

Tag(s) : Basic science, Translational

Chairs : PP Hekking (Rotterdam, Netherlands), Andrew Higham (Manchester (Greater Manchester), United Kingdom), Nicolas Roche (Paris, France)

Late Breaking Abstract - The impact of benralizumab on FeNO in severe asthma is associated with bronchial epithelial phenotype and is independent of local eosinophil depletion — **PA1623**
Jessica Gates (London, United Kingdom), Jiashu Shen, Paniz Khooshemehri, Varsha Kanabar, Ajerico Del Rosario, Alicia Perez Valles, Eleanor Woods, Rocio Martinez Nunez, David Jackson

Persistent exacerbation and mortality in COPD with type 2 inflammation despite triple therapy: a UK retrospective cohort study — **PA1624**
James A. Bolaji (London, United Kingdom), Jihye Park, Shibing Yang, James Bolaji, Theo Tritton, Poppy Payne, Dan Main, William Kay, Jennifer K Quint

One moderate exacerbation matters in COPD with T2 inflammation: US claims analysis — **PA1625**
Kieran J. Rothnie (London, United Kingdom), Jihye Park, Jeff Min, George Mu, Vishal Kulkarni, Elke Rottier, Poppy Payne, Isabel Jimenez, Mia Unsworth, Fernando J. Martinez

Identifying Efferocytosis-Related Gene Signatures in Mild-to-Moderate Chronic Obstructive Pulmonary Disease Using Bioinformatics and Machine Learning — **PA1626**
Tao Bian (Wuxi, China), Shurui Cao, Lizhen Zhu, Guye Lu, Shumin Feng

Healthcare burden associated with COPD care transfer from PCP to pulmonologist — **PA1627**
Surya Bhatt (Birmingham, United States), Nnaemeka U Odo, Tim Bancroft, Phani S Veeranki, Richard H Stanford, Tabarak Qureshi, Jigna Heble, Vijay Alagappan, Mena Soliman, Arun Subramaniam, Nirupama Putcha

Predictors of blood eosinophil testing in moderate-to-severe COPD: a UK retrospective cohort study — **PA1628**
James A. Bolaji (London, United Kingdom), Jihye Park, James Bolaji, Shibing Yang, Theo Tritton, Poppy Payne, Dan Main, William Kay, Jennifer K Quint

The neutrophil-to-lymphocyte ratio and lung function decline, health status, and acute exacerbations in COPD — **PA1629**
Benjamin Mappin-Kasirer (Oxford, United Kingdom), Pei Z. Li, Jean Bourbeau, Bryan A. Ross

Impact of hypoxia on secreted protein acidic and rich in cysteine (SPARC) associated core fucosylation involved in COPD disease progression — **PA1630**
Chun-Hua Wang (Taipei, Taiwan), Tsai-Jung Wu, Jung-Ru He, Kian Fan Chung, John Yu

Clinical and Inflammatory Phenotypes During Exacerbations Predict In-Hospital Adverse Outcomes in Asthma-COPD Overlap — **PA1631**
Xin Zhang (Chengdu, China), Lishan Yuan, Yilai Li

Cluster analysis of chronic obstructive pulmonary disease based on pro-/anti-inflammatory cytokines **PA1632**
Qing Wang (Hangzhou, China), Jianya Zhou, Yinan Yao, Liuqing Yang

The blood eosinophil count and the incidence of asthma and chronic obstructive pulmonary disease: a prospective analysis of UK adults **PA1633**
Benjamin Mappin-Kasirer (Oxford, United Kingdom), Nayia Petousi, Robin G. Walters, Ian D. Pavord, Kin Bong Hubert Lam, Ahmed Edris

Chronic Obstructive Pulmonary Disease (COPD) exacerbations are associated with emergence, expansion, and activation of plastic ILC2 phenotype in sputum **PA1634**
Nahal Emami Fard (Hamilton, Canada), Xiaotian Ju, Lucy Chen, Chynna Huang, Emily Merjo, Yinglan Xie, Manali Mukherjee, Paul O'Byrne, Terence Ho, Parameswaran Nair, Roma Sehmi

Impaired macrophage efferocytosis in severe COPD: potential link between monocytic myeloid-derived suppressor cells and alveolar macrophages **PA1635**
Tao Bian (Wuxi, China), Lizhen Zhu, Shumin Feng

Sputum proteomics reveal differences in eosinophilic COPD and eosinophilic asthma exacerbations; utilising samples from the ABRA study **PA1636**
Jonathan Baker (London, United Kingdom), Steven Cass, Emembet Abera, Richard Russell, Mona Bafadhel

Bronchoalveolar lavage fluid extracellular vesicle pathogenicity directly correlates with severity of human pulmonary dysfunction **PA1637**
Kristopher Genschmer (Birmingham, United States), Camilla Margaroli, Gerry McElvaney, J .Edwin Blalock

Increased CD8+T-cell and neutrophil numbers in the small airways of PRISm patients **PA1638**
Andrew Higham (Manchester (Greater Manchester), United Kingdom), Romany Browne, Sophie Booth, Josiah Dungwa, Lisa Milani, Dave Singh

Serum TSLP is associated with exacerbations and type-2 inflammation in COPD **PA1639**
Sammy Adam Ameri (Copenhagen, Denmark), Sigrid Brisson Nielsen, Morten Hvidtfeldt, Laurits Frøssing, Celeste Porsbjerg, Asger Sverrild

TSLP expression is related to small airway remodelling in COPD and smokers **PA1640**
Ruoran Wu (Manchester, United Kingdom), Andrew Higham, Dave Singh

Type 2 inflammation post-discharge identifies an infectious phenotype in hospitalised acute exacerbation of COPD **PA1641**
Sigrid Brisson Nielsen (København Ø, Denmark), Therese Lapperre, Susanne Hansen, Celeste Porsbjerg, Asger Sverrild

IL-17 promotes bronchial cell pyroptosis in COPD **PA1642**
Shuyuan Chu (Guilin, China), Qihua Qin, Xiaoyu Li

PS-22 Session 144 12:30 - 14:00

Poster session: Outcomes and implications from the field of infectious diseases

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health Cell and molecular biology Pulmonary rehabilitation General respiratory patient care

Tag(s) : Clinical

Chairs : Selin Çakmakcı Karakaya (Ankara, Türkiye), Catia Cilloniz Campos (Barcelona, Spain), Erik Sören Halvard Hansen (Hvidovre, Denmark)

Late Breaking Abstract - LP.8.1-adapted BNT162b2 COVID-19 vaccine effectiveness against hospitalization in Spain using the id.DRIVE platform during the 2025–2026 season **PA1643**
Hannah R Volkman (New York, United States), Leonie de Munter, Joann Zamparo, Thao MP Tran, Hollie Dunford, Marianna Mitratza, Juan Hernandez-Villena, Irma Casas, Elisa Martró, Ainara Mira-Iglesias, Alejandro Orrico-Sánchez, Susana Otero-Romero, Carlos Manuel Oñoro López, Andrés Antón, Federico Martinón-Torres, Jennifer L Nguyen, Kaatje Bollaerts

Unmet needs in COVID-19 care: Global 'Attitudes about COVID and Community Engagement with Patients' (ACCEPt) survey reveals barriers to COVID-19 treatment and support among higher-risk groups **PA1644**
Frank Spinelli (New York, United States), Nikola Brigden, Antonella Cardone, Maria Fernandez, Daniel Gallego, Lourdes Mateu, Mariano Votta, Shirley Shapiro Ben David

Harmonized assessment of quantitative measures of lung structure on pre-pandemic cardiac and lung computed tomography (CT) scans for largescale investigation of risk: the Collaborative Cohort of Cohorts for COVID-19 Research (C4R) R. Graham Barr (New York, United States), Sneha N Naik, Xuzhe Zhang, Pallavi P Balte, Benjamin M Smith, Norrina Allen, Michael J Blaha, Matt Budoff, John Jeffrey Carr, April P Carson, Raul San Jose Estepar, Eric A Hoffman, Stephen Humphries, Alka Kanaya, Namratha Kandula, David Lynch, Kunihiro Matsushita, George O'Connor, Olivia O'Driscoll, Victor E Ortega, Tess D Pottinger, David Schwartz, George Washko, Sally Wenzel, Vanessa Xanthakis, Qiaochu Zhao, Elsa D Angelini, Andrew F Laine, Elizabeth C Oelsner, R Graham Barr	**PA1645**
Post-pandemic COVID-19 burden among older adults in Germany: a retrospective insurance claims–based analysis of nursing home residency as a risk factor Gregor Paul (Augsburg, Germany), Patrizia Maria Maier, Eveline Otte im Kampe, André Fuchs, Vicky Pietralla, Matthias Arnold, Deepa Malhotra, Jessica Noll, Emma Fröling	**PA1646**
Attitudes about COVID-19 and Community Engagement with Patients (ACCEPt) survey: The impact of Long COVID on people with respiratory risk factors in France, Germany, and Spain Frank Spinelli (New York, United States), Maria Fernandez, Daniel Gallego, Paul Loubet, Jakob Malin, Doris Schmitt, Mariano Votta, Roger Paredes	**PA1647**
Association between socioeconomic status dimensions and Post-COVID syndrome symptoms in population-based NAPKON-POP-cohort Michael Pohlmann (Kiel, Germany), Fiona Teske, Lennart Reinke, Anne-Kathrin Ruß, Sabrina Ballhausen-Lübcker, Franziska Schulz, Laura Graht, Marei Senkbeil, Anna Schäfer, Carolin Nürnberger, Stefan Störk, Peter U Heuschmann, Thomas Zoller, Martin Witzenrath, Thomas Keil, Lilian Krist, Ekaterina Heim, Sina M. Pütz, J. Janne Vehreschild, Astrid Dempfle, Wolfgang Lieb, Stefan Schreiber, Thomas Bahmer, Jan Heyckendorf	**PA1648**
Diagnostic Agreement Between CBNAAT and TRUENAT for SARS-CoV-2: A Retrospective Regional Analysis Singh Varun Pratap (, India), Rashmi Ratnam	**PA1649**
Determinants of Influenza Vaccination in Older Adults with COPD: A Multinational Analysis Ana Catarina Maia (Coimbra, Portugal), Maria Loureiro, Félix Andreia	**PA1650**
Pre- and post-pandemic influenza hospitalizations in Portugal: a database analysis Filipe Froes (Lisboa, Portugal), Jorge Ferreira, Sofia Duque, Gonçalo Sarmento, Catarina Gomes, João Mourão, Matthew Loiacono, Mafalda Carmo, Francisco do Carmo, Carlos Robalo Cordeiro	**PA1651**
Mortality and Disease Burden of Lower Respiratory Infections in China, 2008-2021: An Analysis of Cause of Death Surveillance Data Huilin YU (Chongqing, China), Yuezhou Zhang, Hong Chen	**PA1652**
Pulmonary aspergillosis among patients with post-tuberculosis lung fibrosis in a Ghanaian tertiary hospital. Walter Appati (Kumasi, Ghana), Divine Amenuke, Adelaide Appati, Ulla-Britt Essaw	**PA1653**
Epidemiology, incidence, hospitalization rates, and clinical severity of acute respiratory infections associated with respiratory viruses: A population-based surveillance study integrating multi-source data in China Yuping Duan (Beijing, China), Mingyue Jiang, Ju Wang, Bosong Li, Qing Wang, Weizhong Yang, Li Qi, Luzhao Feng	**PA1654**
Legionellosis as a climate-sensitive infection: temperature-based forecast and surveillance implications in Sicily Giuseppe Vella (Palermo, Italy), Francesca Sala, Maria Anna Coniglio, Emanuele Amodio	**PA1655**
Approach to Diagnosis and Treatment of Mycoses in Patients with HIV/TB Co-infection Sherali Massavirov (Tashkent, Uzbekistan)	**PA1656**
Exposure to Streptomyces and Mycobacterium spp. in the indoor environment of European schools and lung function in children (data from SINPHONIE study) Soutrik Banerjee (Ferrara, Italy), Dan Norbäck, Martin Täubel, Marta Gabriel, Sara Maio, Giuseppe Sarno, Donát Magyar, Éva Csobod, Isabella Annesi-Maesano	**PA1657**
RSV-associated morbidity in adults with chronic disease: implications for age-based vaccination strategies Fiona Murphy (Galway, Ireland), Kate Hinchion, Barry Fleming, Roisin Mulqueen, Padraig E Hawkins, Ruth P Cusack	**PA1658**

Multimorbidity and increasing risk of pneumococcal pneumonia: a population-based study in adults aged ≥50 years in Catalonia. **PA1659**
Cinta de Diego-Cabanes (tarragona, Spain), Verònica Torras-Vives, Eva M. Satué-Gracia, M. José Forcadell-Peris, Ángel Vila-Córcoles, Research Group Epivac

Assessment of Potential Years of Life Lost among the adult population of the Republic of Moldova due to pneumonia-related mortality using the DALY indicator **PA1660**
Irina Sincarenco (Chisinau, Republic of Moldova), Anna Moscovciuc, Diana Condratchi, Larisa Procopisin, Anna Donica, Nicolae Nalivaico

Epidemiological Characteristics, Treatment Patterns and Clinical Outcomes of Multidrug-Resistant Tuberculosis: Analysis of 312 Cases in Senegal, 2016–2020 **PA1661**
IBRAHIM MOHAMED IBRAHIM (djibouti, Djibouti)

Effectiveness, efficiency and cost-utility of PCV20 and PCV21 vaccination in adults ≥60 years old in Germany **PA1662**
Alexander Kuhlmann (Luebeck, Germany)

PS-23 Session 145 12:30 - 14:00

Poster session: Pollution, mechanisms and respiratory health effects

Disease(s) : Thoracic oncology Airway diseases Sleep and breathing disorders Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology Cell and molecular biology Public health Epidemiology Pulmonary function testing General respiratory patient care

Tag(s) : Basic science, Sustainability, Prevention, Translational

Chairs : Giovanni Viegi (Pisa (PI), Italy), Ane Johannessen (Bergen, Norway), Marine Savouré (Rennes, France)

Late Breaking Abstract - Childhood PM2.5 exposure and incident wheeze and asthma after infant bronchiolitis in Scotland **PA1663**
Amal Rammah (London, United Kingdom), Selin Akaraci, Tom Clemens, Steve Cunningham, Bianca De Stavola, Chris Dibben, Caroline Hart, Alison Macfarlane, Ai Milojevic, Marianna Riccio, Linda Wijlaars, Pia Hardelid

High respiratory microplastic burden across paired airway and tissue samples in patients with lung cancer **PA1664**
Ilias E. Dimeas (Larissa, Greece), George E. Zakynthinos, Christos Salmas, Athanasios D. Pagonis, Konstantinos N. Tourlakopoulos, Achilleas Sarris, Eleni Karetsi, Charalampos Varsamas, Ioannis Diamantis, Maria Giannaki, Paraskevi Kirgou, Sotirios I. Sinis, Maria Perraki, Cormac McCarthy, Michael P. Keane, Patrick D. Mitchell, Evangelos Oikonomou, Ioannis D. Papanikolaou, Zoe Daniil

LSC - 2026 - Blood transcriptomic responses to air-pollution: results from P4O2 PARASOL cohort **PA1665**
Shahriyar Shahbazi Khamas (Amsterdam, Netherlands), Paul Brinkman, Jelle M Blankestijn, Mahmoud I. Abdel-Aziz, Lizan Bloemsma, Kornel Golebski@amsterdamumc.Nl, Sofi Vassileva, Laura Houweling, Daan Aarts, George S Downward, Petra Elders, Femke Rutters, Anke H Maitland - Van Der Zee

Australian bushfire-derived particulate matter and polycyclic aromatic hydrocarbons cause senescence and inflammation in precision cut lung slices **PA1666**
Paris Papagianis (Clayton, Australia), Kate Mason, Jacinta Bennett, Natasha Ratnayaka-Gamage, Elizabeth Richards, William Studley, Amy Winship, Raj Keshav Paudel, Jane Bourke

Nasal DNA Methylation Changes Related to Air Pollution Exposure from the Prenatal Period to Young Adulthood Are Associated with Respiratory Health **PA1667**
Javier Perez-Garcia (Palo Alto, United States), Robert B. Gunier, Brenda Eskenazi, John Balmes, Stephanie Holm, Nina Holland, Andres Cardenas

Air pollution and breathlessness: a longitudinal study of the Swedish general population. **PA1668**
Max Olsson (Helsingborg, Sweden), Magnus Ekström, Össur Ingi Emilsson

The role of biological aging acceleration in the association between polycyclic aromatic hydrocarbon and lung function: A repeated-measures study **PA1669**
Xuejie Ding (Wuhan, China), Min Zhou, Weihong Chen

Differences in miRNome profiles induced by acute exposure to pollutants in asthmatic patients and healthy controls **PA1670**
David Soler Segovia (Barcelona, Spain), Christian Romero Mesones, David Espejo Castellanos, Mª Florencia Pilia, Iñigo Ojanguren, Victor Guerra Ruiz, Marc Massa Gómez, Xavier Muñoz, Mª Jesús Cruz

Airborne microbiome in relation to change in respiratory symptoms after 10 years **PA1671**
Christine Cramer (Aarhus, Denmark), Hesham Amin, Ian PG Marshall, Christer Janson, Ane Johannessen, Rain Jõgi, Tejs Ehlers Klug, Henrik A. Kolstad, Tina Santl-Temkiv, Torben Sigsgaard, Hulda Rosa Thorarinsdottir, Randi Jacobsen Bertelsen, Vivi Schlünssen

Prenatal 1,3-Butadiene Exposure and Childhood Asthma via Placental ADORA2B Methylation and IL-6: ECHO-COCOA study **PA1672**
Song-I Yang (Anyang, Republic of Korea), Seung-Hwa Lee, Hosub Im, Yanghee Kim, Yong Joo Park, Hoon Je Seong, Jeonghun Yeom, Hyun Ju Yoo, Hea Young Oh, Hyo-Bin Kim, Jihyun Kim, Kangmo Ahn, Kyung Won Kim, Eom ji Choi, Youn Ho Shin, Ji Soo Park, Dong In Suh, Sun Hee Choi, Hey-Sung Baek, Suk-Joo Choi, Soo-Young Oh, Ja-Young Kwon, Soo Hyun Kim, Jong Kwan Jun, Mi-Young Lee, Hye-Sung Won, Soo-Jong Hong

Association between short-term ozone exposure and DNA damage in patients with COPD **PA1673**
Xiang Li (Beijing, China), Yushi Zhang, Hongtao Niu, Ting Yang

Heavy Metal Levels in Bronchoalveolar Lavage Fluid in Malignant and Non-Malignant Lung Diseases **PA1674**
Ege Gulec Balbay (Düzce, Türkiye), Fırat Kayaner, Peri Meram Arbak, Pınar Yıldız Gülhan

Influence of environmental NO2 on exacerbations of bronchial asthma by age group **PA1675**
Pedro Vidau Fuentes (Valladolid, Spain), Ángela Alvarez Suarez, Claudia Beigveder Durante, Rocio del Carmen Martin Galan, Fernando Moreno Torrero, Daniel Álvarez Gonzalez, Felix del Campo Matía, Tomás Ruiz Albi

Blood transcriptomic responses to air-pollution: results from P4O2 PARASOL cohort **PA1676**
Shahriyar Shahbazi Khamas (Amsterdam, Netherlands), Paul Brinkman, Jelle M Blankestijn, Mahmoud I. Abdel-Aziz, Lizan Bloemsma, Kornel Golebski, Sofi Vassileva, Laura Houweling, Daan Aarts, George S Downward, Petra Elders, Femke Rutters, Anke H Maitland - Van Der Zee

Traffic-related air pollution and asthma symptoms at five-year follow-up of the Telemark Study **PA1677**
Nikola Zivadinovic (Skien, Norway), Martin Veel Svendsen, Regine Abrahamsen, Gry Beate Namløs Nordang, Geir Klepaker, Marit Nøst Hegseth, Anne Kristin Møller Fell

Association Between Air Pollution Exposure and Lung Function : Korea National Health and Nutrition Examination Survey (2013–2019) **PA1678**
Eun Ae Yang (Daejeon, Republic of Korea), Kyunghoon Kim, Hyeon-Jong Yang

Multidimensional effects of ambient air pollution on the incidence, natural history, and prognosis of idiopathic pulmonary fibrosis: a systematic review of the literature **PA1679**
Andreas M. Matthaiou (Athens, Greece), Nikoleta Bizymi, Adamantia Liapikou, Katerina M. Antoniou, Anna Karakatsani, Ioannis Tomos

Upper airway response to different source-specific aerosols: A controlled double-blind air pollution exposure trial **PA1680**
Rose Tweedie (Ascot, United Kingdom), Gisela Delgado Vizcarra, Thomas Faherty, Huda Badri, Dawei Hu, Aristeidis Voliotis, Oliver Robinson, Francis David Pope, Jaclyn Smith, Gordon Macfiggan, Ian Mudway

The Impact of Emerging Pollutants on Respiratory Admissions: A Study of Hospitalization Rates in Athens, Greece **PA1681**
Emmanouil Verykakis (Athens, Greece), Antonios Analytis, Konstantina Dimakopoulou, Dimitrios Stamatiou, Georgia Kontonasiou, Efrosyni Manali, Nikolaos Michalopoulos, Evangelia Samoli, Anna Karakatsani

Short-term effect of NO_2 exposure on emergency visits for COPD exacerbations **PA1682**
Rocío Del Carmen Martín Galán (Valladolid, Spain), Ángela Álvarez Suárez, Pedro Vidau Fuentes, Claudia Beigveder Durante, Raúl López Izquierdo, Fernando Moreno Torrero, Daniel Álvarez González, Roberto Sánchez Hornero, Tomás Ruíz Albi, Félix Del Campo Matía

PS-24 Session 146 12:30 - 14:00

Poster session: Evaluating the impact of multidisciplinary tobacco-cessation programmes

Disease(s) : Thoracic oncology Airway diseases Pulmonary vascular diseases

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology

Tag(s) : Clinical, Global reach, Prevention

Chairs : Redouene Sid Ahmed Benazzouz (Laghouat, Algeria), Stamatoula Tsikrika (Athens, Greece), H. Volkan Kara (Istanbul, Türkiye)

The Prevalence of Electronic- Cigarette use and its Related Factors among University Students in Iran **PA1683**
Zahra Hessami (Tehran, Islamic Republic of Iran), Hooman Sharifi, Hamidreza Jamaati

Lung Cancer Screening as a Motivational Window for Smoking Behaviour Change: Outcomes of a Short Nurse-Led Group Intervention Asad Ali (Lørenskog, Norway), Harris Zain Ahmed, Kirill Neumann, Trond-Eirik Strand, Haseem Ashraf, Gunnar Einvik	**PA1684**
Respiratory symptoms and lung function in young e-cigarette users. Dhara Fernanda de Carvalho Pinto (GUARUJA, Brazil), Davi Castor da Silva, Michelly Rocha de Almeida, Jean Guilherme Ponciano Rabello, Giovana Saturnino Oliveira, Luiz Flávio de Oliveira Queiroz Junior, Lucas Santos Passos, Rafael Marrocos, Livia Capitelli, Pietra Pierdomenico Macri, Priscila de Alvarenga Beleigoli, Israel Nascimento dos Santos, Fernanda Maria Machado Rodrigues, Ubiratan de Paula Santos, Marceli Rocha Leite	**PA1685**
KNOWLEDGE, ATTITUDES, AND PRACTICES REGARDING VAPING AMONG DOCTORS IN KARACHI, PAKISTAN: A STUDY OF HEALTHCARE PROFESSIONALS' AWARENESS AND BEHAVIOR Faria Masood (Karachi, Pakistan), Ashok Kumar, Sania Maqbool, Noshirwan P. Gazdor, Rawesha Hablani, Shayan Saleemi	**PA1686**
Assessing the Biological Impact of E-cigarette Flavoring Agents: Initial Results from a Systematic Review Maria Sofia Cattaruzza (Roma (RM), Italy), Martina Fasolo, Lavinia Nardinelli, Cristina Fioravanti	**PA1687**
Perceived e-cigarette dependency versus self-reported use amongst young Canadians: A cross-sectional survey Rachelle Aucoin (Halifax, Canada), Anna Jericho, Daniel Wong, Myles Davidson, Lacey Mackinnon, Sanja Stanojevic	**PA1688**
Electronic cigarette use, risk perception, and health information exposure among university students in Kazakhstan Zaitunam Battalova (Astana, Kazakhstan), Aiman Kerimkulova, Meruert Nazilova, Zhannur Nazilova, Ardak Zhumagaliyeva	**PA1689**
Pediatricians' Perception of Respiratory Risks Linked to E-Cigarettes: A National Survey and Latent Class Approach Michele Ghezzi (Bergamo, Italy), Camilla Cacchione, Stefania Roncaglia, Alessandra Pandolfo, Andrea Perri, Giustino Carlino, Maria Elisa Di Cicco, Velia Malizia, Giulia Bertolucci, Vito Michele Rosario Muggeo, Giovanni Viegi, Stefania La Grutta	**PA1690**
Subtle tactics of the industry: Slim and e-cigarette use among healthcare workers Mustafa Ersözlü (Ankara, Türkiye), Füsun Parlakyiğit, Aslıhan Kahvecioğlu, Meltem Eşsiz, Nilüfer Doruk, Burak Kurt, Fatma Arslan	**PA1691**
Parental Knowledge, Attitude, and Practices on Tobacco and E-cigarettes Use, and Children's exposure to smoke and aerosol exposure in household environment. Poomisak Mohanashankar (Samut Prakan, Thailand), Naipaporn Sutthirak, Tankwan Khongcharoen, Pinmada Makornwattana, Kanathip Jongmekwamsuk, Sirashat Hanvivattanakul, Poomisak Mohanashankar., Pimchanok Junsawat, Chanapai Chaiyakulsil	**PA1692**
Effectiveness of vaping interventions in young people: a systematic review Marit Erbrink (Oss, Netherlands), Sarah van den Berg, Tahira Hussain, Simone Hashimoto, Suzanne Terheggen-Largo, Berber Kapitein, Susanne Vijverberg	**PA1693**
Association Between E-Cigarette Knowledge Level, Attitudes, and Clinical Approach Among Resident Physicians Tugce Karamustafalioglu (Mersin, Türkiye), Demet Polat Yulug, Seda Gul, Cengiz Ozge	**PA1695**
Nurses' attitudes and perceptions toward delivering brief smoking cessation advice Stamatoula Tsikrika (Athens, Greece), Mara Kyriakopoulou, Anastassios Philippou, Eleftherios Karatzanos, Serafim Nanas	**PA1696**
Anxiety–Depression determinants in Tunisian Smokers seeking cessation support Nidhal Belhouchet (Sousse, Tunisia), Nidhal Belhouchet, Rihab Kefi, Salsebil Bouafia, Malek Fki, Baraa Ben Bdira, Asma Omrane, Iteb Ben Limem, Asma Knaz, Sana Aissa, Imen Gargouri, Ahmed Abdelghani	**PA1697**
Audit of betel nut chewing and lung health in a region with a significant Bangladeshi population in the UK Shivanjali Pandya (London, United Kingdom), Upen Patel, Ketan Patel	**PA1698**
Smokeless Tobacco-Related Mortality Among Adolescents in the MENA Region, 2000-2023 Emna BEN MBAREK (tunis, Tunisia), Oussema Guesmi, Emna Gara, Mehdi Hakim Houman, Molka Osman, Hind Bouguerra, Houyem Khiari	**PA1699**

Female Smokers in a Tunisian Smoking Cessation Clinic: A Distinct Psychological and Motivational Profile **PA1700**
Nidhal Belhouchet (Sousse, Tunisia), Rihab Kefi, Melek Feki, Salsabil Bouafia, Baraa Ben Bdira, Asma Omrane, Iteb Ben Limem, Asma Knaz, Sana Aissa, Imen Gargouri, Ahmed Abdelghani

The impact of smoking on quality of life and sleep among Tunisian athletes **PA1701**
Maroua Abbassi (Médenine, Tunisia), Emna Ben Jemia, Chayma Jneyeh, Hend Ouertani, Siwar Rejeb, Ameni Naaroura, Haifa Zaibi, Jihen Ben Amar

PS-25 Session 147 12:30 - 14:00

Poster session: The world of paediatric respiratory infections: bronchiolitis, pneumonia and empyema

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Epidemiology Respiratory intensive care Imaging General respiratory patient care Surgery Public health Endoscopy and interventional pulmonology Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Nadine Freitag (Krefeld, Germany), Ross Langley (Glasgow, United Kingdom), Irena Wojsyk-Banaszak (Poznań, Poland)

Clinical outcomes of intrapulmonary percussive ventilation in children with recurrent respiratory infections **PA1702**
Vincenzo Guaia (Milan, Italy), Andrea Dubini, Nicolò Garancini, Michele Ghezzi, Andrea Farolfi, Marco Morelli, Francesca Izzo, Salvatore Zirpoli, Gian Vincenzo Zuccotti, Enza D'Auria

Genetic and Immunological Characteristics of Children with Recurrent Respiratory Infections. **PA1703**
QIANXUN SHENG (Guangzhou, China), Chen Kexin, Chuying Zeng, Jiaying Luo

Bayond respiratory care: Neurodivergence in chronic suppurative lung disease (CLSD) **PA1704**
Anne Armitage (Leicester, United Kingdom), Naomi Dayman, Danny Mortimer, Emeline Crossley, Julie Simpson, Manisha Ramphul, David Lo, Erol Gaillard, Priti Kenia, Deepa Patel

Fever duration and radiographic yield in children with clinically diagnosed community-acquired pneumonia **PA1705**
Ori Goldberg (Rehovot, Israel), Yoav Vardi, Yoel Levinsky, Einat Shmueli, Noga Yaniv, Ron Berant, Meir Mei-Zahav, Dario Prais, Patrick Stafler

The Impact of the Post-COVID-19 Period on Pediatric Empyema Trends and Outcomes **PA1706**
Nazanin Farahbakhsh (Tehran, Islamic Republic of Iran), Ahmad Safapoor

Clinical characteristics of children with pleural empyema and prolonged intercostal (ICD)insertion **PA1707**
Sonal Kansra (Sheffield, United Kingdom), Megan Dale, Eleanor Pontac

Clinical and Laboratory Risk factors of Necrotizing Pneumonia in Children: A 15-Year Single-Centre Cohort Study **PA1708**
Elad Ben-Meir (Jerusalem, Israel), Mohamad Hadhud, Yuval Cohen, Eitan Kerem

Factors predictive of failure of Medical management in children with Empyema Thoracis:an Ambispective study. **PA1709**
Saurav Jain (Bangalore,Karnataka, India), Anju Joseph, Jiya Jony, Jacqueline A Shah

The use of computed tomography imaging in paediatric pleural empyema **PA1710**
Callum Tipton (Cambridge, United Kingdom), Alexander Wilson, Theofilos Polychronakis

Paediatric pleural infection in a UK tertiary paediatric respiratory centre: four-year retrospective review of management, complications, and outcomes. **PA1711**
Tamanna Rahimi (Oxford, United Kingdom), Sam Ensor, Ivan Tang, Chloe Stevens, Sian Osborn, Eiman Hamid, Michael Carter, David Grant, Stephane Paulus, Avishay Sarfatti, Sarah-Jane Bowen

Clinical features, management, and radiological outcomes of pediatric complicated pneumonia: a retrospective cohort study (2022-2025) **PA1712**
Vittorio Romagnoli (Ancona, Italy), Elisa Marchesini, Cecilia Greco, Gaia Martelli, Alessandro Volpini, Giovanni Cobellis, Salvatore Cazzato

In-silico multi-omic characterisation of viral versus bacterial paediatric pneumonia: a machine-learning–based approach **PA1713**
Idrees Abiodun Rufai (Sokoto, Nigeria), Bilkisu Ilah Garba, Fatima Isiaq Abubakar, Fatimah Shagari, Saad Abubakar

Incidence, Risk Factors, and Outcomes of Ventilator-Associated Pneumonia in Children: A Secondary Analysis of a Randomised Controlled Trial **PA1714**
Lokesh Kumar Tiwari (Rishikesh, India), Neethu Ravi, Man Singh Parihar, Prashant Kumar Verma

Feasibility of continuous remote respiratory monitoring in infants hospitalized with viral bronchiolitis **PA1715**
shane krauss (Philadelphia, United States), Tom deLaubenfels, Kan Au, Callum Gouveia Da Silva, Callie Robinson, Adrian Marinovich, Jason Kroh, Richard Powers

Early-life bronchiolitis and pneumonia and subsequent asthma: a real-world paediatric cohort **PA1716**
Cristian Vladulescu (Craiova, Romania), Cristian Gheonea

Antibiotic use in bronchiolitis at a tertiary hospital in Sokoto, Nigeria: clinical audit highlighting predictors of prescription **PA1717**
Idrees Abiodun Rufai (Sokoto, Nigeria)

Changes in the clinical profile of RSV admissions after universal nirsevimab immunization **PA1718**
Maria Teresa Romero Rubio (Valencia, Spain), Blanca Garrido García, Yolanda Mañes Jiménez, María Sinisterra Pérez, Elena Lucas Sáez, Silvia Ruiz Climent, Inés Costa Alcacer

Beyond acute RSV bronchiolitis: age-dependent effects of nirsevimab on readmission and recurrent wheezing **PA1719**
Yolanda Mañes Jiménez (Valencia, Spain), Maria Teresa Romero Rubio, Blanca Garrido García, María Sinisterra Perez, Silvia Ruiz Climent, Inés Costa Alcácer

Assessing health facility readiness for introduction of maternal respiratory syncytial virus (RSV) vaccine in Sindh and Punjab, Pakistan. **PA1720**
Wafa Jamal (Karachi, Pakistan), Shifa Salman Habib, Samrah Jawed, Rakhshanda Ishaque, Sadaf Jamal, Shafi Kalhoro, Fyezah Jehan, Imran Nisar

High regenerative capacity of the lung parenchyma in children with necrotizing pneumonia **PA1721**
Daniel Decker (Hannover, Germany), Martin Wetzke, Christoph Happel, Pia Maier, Oliver Keil, Diane Renz, Nicolaus Schwerk, Katharina Schütz

PS-26 Session 148 12:30 - 14:00

Poster session: Paediatric rare lung and airway disease poster session

Disease(s) : Airway diseases

Method(s) : Endoscopy and interventional pulmonology Cell and molecular biology Epidemiology Imaging Pulmonary function testing Transplantation Public health Respiratory intensive care General respiratory patient care Surgery

Tag(s) : Clinical, Translational

Chairs : Anna Wiemers (Bochum, Germany), Arnab Nandy (Kolkata, India), Raffaella Nenna (Rome, Italy)

Inhalation of foreign bodies in children: diagnostic challenges and management in a clinical case series **PA1722**
Michele Ghezzi (Bergamo, Italy), Laura Sgambetterra, Nicolò Garancini, Andrea Crotti, Andrea Farolfi, Marco Morelli, Antonio Bulfamante, Paola Tommasi, Gloria Pelizzo, Francesca Izzo, Enza D'Auria, Gian Vincenzo Zuccotti

Genetic, Functional and Microbiological Predictors of Otorhinolaryngologic Prognosis in Primary Ciliary Dyskinesia: a Longitudinal Cohort Study **PA1723**
Jessica Cruz Perez (tlalpan, Mexico)

Antibiotic Therapy for Pseudomonas aeruginosa in Primary Ciliary Dyskinesia: Effectiveness and Key Influencing Factors **PA1724**
Anne Schlegtendal (Bochum, Germany), Vanessa Fein, Christoph Maier, Folke Brinkmann, Thomas Lücke

DNAH6 variants might be associated with primary ciliary dyskinesia **PA1725**
Céline Kempeneers (Liège, Belgium), Noemie Bricmont, Ammar El Kheir, Doriane Calmés, Romane Bonhiver, Clara Pauly, Erika Defgnee, Olivier Hougrand, Elisa Docampo Martinez, Anne-Lise Poirrier, Lore Pottie, Julie Harvengt

Primary ciliary dyskinesia in the paediatric population of Sweden: prevalence and clinical characteristics **PA1726**
Christina Kavouridou (Gothenburg, Sweden), Bill Hesselmar, Wilhelm Zetterquist, Christine Hansen, Christina Krantz, Anna Winberg, Emma Goksör, Karsten Kötz

Italian multicenter study on diagnostic pathway in patients with Primary Ciliary Dyskinesia
Nicola Ullmann (Roma (RM), Italy), Alessandra Boni, Alessandra Pandolfo, Valentina Agnese Ferraro, Silvia Carraro, Maria Elisa Di Cicco, Giulia Bertolucci, Giuseppe Fabio Parisi, Valentina Fainardi, Paola Borgia, Angelo Florio, Salvatore Cazzato, Claudia Calogero, Samantha Conci, Melissa Borrelli, Federica Chironi, Adele Corcione, Sara Procoli, Renato Cutrera — **PA1727**

Long-term pulmonary function outcomes in patients with primary ciliary dyskinesia
Fulya Ozdemircioglu (istanbul, Türkiye), Merve Selcuk Balci, Seyda Karabulut, Ceren Ayca Yildiz, Neval Metin Cakar, Eda Esra Baysal, Muge Merve Akkitap Yigit, Busra Özgunay, Emre Ugurlu, Gulzar Alisbeyli, Cansu Yılmaz Yegit, Almala Pinar Ergenekon, Pinar Ay, Yasemin Gokdemir, Ela Erdem Eralp, Fazilet Karakoc, Bulent Karadag — **PA1728**

Primary ciliary dyskinesia across borders: retrospective comparison of Italian and U.S. cohorts
Beatrice Andrenacci (Milan, Italy), Federica Chironi, Alessia Mariani, Barbara Madini, Alessia Rocchi, Federica D'Errico, Simone Gambazza, Eric Hamberger, Robert Giusti, Francesca Patria — **PA1729**

Long-term family and parental quality of life after preterm birth with bronchopulmonary dysplasia
Christina Tischer (München, Germany), Ilona Trautmannsberger, Ayse Düzenli, Lara Breunig, Silke Mader, Julia Feiler — **PA1730**

The Impact of Surgical and Conservative Approaches on Parental Quality of Life in Congenital Thoracic Malformations
Çelebi Yildirim (ankara, Türkiye), Işıl Bilgiç, Ayyüce Ünlü, Meltem Kürtül Çakar, Gamze Akca Dinç, Hande Yetişgin, Sanem Eryılmaz, Dilber Ademhan Tural, Süleyman Arif Bostancı, Müjdem Nur Azılı, Gökçe Dilşa Tuğcu, Güzin Cinel — **PA1731**

Long-term outcomes in congenital diaphragmatic hernia survivors
Ayyüce Ünlü (Ankara, Türkiye), Işıl Bilgiç, Meltem Kürtül Çakar, Gamze Akca Dinç, Hande Yetişgin, Çelebi Yıldırım, Sanem Eryılmaz Polat, Dilber Ademhan, Gökçen Dilşa Tuğcu, Güzin Cinel, Emrah Şenel — **PA1732**

Evaluation of Pulmonary Complications in Patients with Esophageal Atresia
Busra Ozgunay (ISTANBUL, Türkiye), Ozge Kilic Bayar, Seyda Karabulut, Merve Selcuk Balci, Ceren Ayca Yildiz, Neval Metin Cakar, Ayten Ceren Bakir, Muge Merve Akkitap Yigit, Eda Esra Baysal, Fulya Özdemircioglu, Emre Ugurlu, Gulzar Alisbeyli, Cansu Yilmaz Yegit, Almala Pinar Ergenekon, Kivilcim Karadeniz Cerit, Ela Erdem Eralp, Yasemin Gokdemir, Fazilet Karakoc, Gursu Kiyan, Bulent Karadag — **PA1733**

Multidisciplinary clinic for children with aerodigestive disorders: a retrospective cohort study
Nneoma Ekweozor (Wigston, United Kingdom), Joshua Orwa Otieno, Nada Nasr, Kamini Yadav, Nitin Patwardhan, Deepa Patel, Manisha Ramphul — **PA1734**

Identification of a somatic MET gene mutation in generalized lymphatic anomaly presenting as refractory chylothorax
Ji Soo Park (Seoul, Republic of Korea), Ji Eun Jang, Myung Yeon Lee, Manjin Kim, Saebeom Hur, Dong In Suh — **PA1735**

Baseline spirometry in patients diagnosed with conservatively managed Congenital Pulmonary Airway Malformations
Eleanor Wells (London, United Kingdom), Grace Tan, Aidan Laverty, Emily Ashworth, Alistair Calder, Paolo De Coppi, Stefano Giuliani, Dhanya Mullassery, Claire Edmondson — **PA1736**

Respiratory System Monitoring in Lysosomal Storage Diseases: A Single-Center Experience
Fatma Nazan Çobanoğlu (Ankara, Türkiye), Emine Semra Küçük Öztürk, Mukaddes Ağırtıcı, Esin Gizem Olgun, Yüksel Uğurlu, Gizem Özcan, Engin Köse, Tuba Özçete Eminoğlu — **PA1737**

Systemic Breath Signature in Paediatric Solid Organ Transplant Recipients
Elias Seidl (Zurich, Switzerland), Lyzette A. Garcia Bonilla, Srdjan Micic, Hng Shih Ying, Rianne De Vries, Alexander Moeller, Hartmut Grasemann — **PA1738**

PS-27 Session 149 12:30 - 14:00

Poster session: Beyond spirometry: new frontiers in lung function

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : Physiology | Pulmonary function testing | Imaging | General respiratory patient care | Public health

Tag(s) : Clinical, Translational

Chairs : Karl P Sylvester (Cambridge (Cambridgeshire), United Kingdom), Jellien Makonga-Braaksma (Woudenberg, Netherlands), Hela Cherif (Tunis, Tunisia)

Late Breaking Abstract - Validity and signal quality of Self-Applied versus Technician-Applied Type II Home Posysomnography. Adolfo Alejandro Rodriguez Davila (Alicante, Spain), Francisco Jose Ruiz Lopez, Francesco Antonio Gigliarano, Joaquin Jose Lopez, Juan Francisco Piqueras, Valerio Garcia Palao, Manuel Casado Espinosa, Conrado Padilla Marco, Rafael Maestre Ferris, Jaime Ortin Ruiz	**PA1739**
Bronchodilator responsiveness in Asthma: Comparison of conventional and updated ERS/ATS Interpretation Criteria Shikha Jindal Gupta (Noida (Uttar Pradesh), India), Ambika Sharma, Chand Bhandari, Manoj Verma, Shubhra Jain, Manoj Saini, Vinayak Mangal, Shikha Jindal, Komal Shah	**PA1740**
Impact of 2022 GLI race neutral reference values on severity in obstructive diseases Martijn Cuijpers (Roermond, Netherlands), Monique Hardy, Veerle de Visser, Ragnar Lunde	**PA1741**
Static pulmonary hyperinflation: diagnostic discrepancies between residual volume and RV/TLC ratio Salma Mokaddem Mohsen (Tunis, Tunisia), Sirine Daoud, Hela Cherif, Soumaya Debiche, Sidi Mohamed Weddih, Ferdaous Yangui, Mohamed Ridha Charfi	**PA1742**
Difference in outcomes of bodyplethysmography for the linked versus unlinked method in patients with severe airflow obstruction and hyperinflation Sonja Augustijn (Haren GN, Netherlands), Helma Oosterom, Margrietha Swierenga, Yvonne Valkema, Jorine Hartman, Karin Klooster, Dirk-Jan Slebos, Marlies van Dijk	**PA1743**
The addition of a time criterion for defining glottic closure during spirometry. Carl Mottram (Rochester, United States), Amilie Sas, Paul Desbordes, Katrina Hynes, Kevin McCarthy, Marko Topalovic, Todd Lustine	**PA1744**
Comparison of Large Language Models and Deep Learning Methods for Automated Spirometry Interpretation Aslı Görek Dilektaşlı (Bursa, Türkiye), Murat Eser, İzzet Gezmiş, Anıl Özgür, Ozge Aydin Guclu, Metin Bilgin	**PA1745**
Using novel flow volume curve analysis to improve spirometry quality James Dean (Manchester, United Kingdom), Daniel Hamer, Anthony Dean, Dave Singh	**PA1746**
Complementary role of oscillometry compared with spirometry in the assessment of obstructive lung mechanics Eduard Duran (Barcelona, Spain), Eduardo Vélez, Darwin Barboza, Ingrid Solanes, Daniel Bustamante, Isaac Guzmán, Esther Palones, Vicente Plaza, Astrid Crespo	**PA1747**
Population-based respiratory oscillometry in children: age-stratified structure and temporal coverage of large-scale testing Eliza Wasilewska (Gdańsk, Poland), Jakub Radliński, Joanna Polomska, Hanna Sikorska-Szaflik, Katarzyna Walicka-Serzysko, Katarzyna Krenke, Irena Wojsyk-Banaszak	**PA1748**
Clinical role of oscillometry in chronic obstructive respiratory disease: data from the K-Health in Air project Alba Gómez-López (Barcelona, Spain), Ruben González Colom, Ebymar Arismendi, Nestor Soler, Núria Sánchez-Ruano, Josep Roca, Isaac Cano, Jose Fermoso, Ramon Farré	**PA1749**
Assessment of Inter and intra device variability across VitaloLAB systems Helen Venn (Buckingham, United Kingdom), Tasmin Johnson, Lisa Fazackerley, Joe Topham, Adrian Kendrick	**PA1750**
A Comparison of the Exhalyzer and Vyntus One Multiple Breath Washout Devices for FRC and LCI Parameters in Healthy Subjects Scott Tart (Glasgow (Glasgow), United Kingdom), Paul Burns, Elizabeth Adair	**PA1751**
Evaluation of a physiologist led Cardiopulmonary Exercise Testing (CPET) Service: five year outcomes Sara McArthur (Edinburgh (Edinburgh), United Kingdom), Shaun Baxter, Kristofor Cuthbert	**PA1752**
Evaluation of the reliability and accuracy for VO2 determination with the Vyntus CPX four metabolic system using the Douglas bag method Hans Rosdahl (Stockholm, Sweden), Alexander Ovendal, Jessica Engström, Henrik Petré	**PA1753**
Appraisal and extension of the ERS/ATS Interpretative Strategy for Pulmonary Diffusing Capacity. Sylvia Verbanck (Bruxelles, Belgium), Mike Hughes, Femke Demolder, Shauni Wellekens, Stefanie Vincken, Eef Vanderhelst, Shane Hanon	**PA1754**
Quantitative CT Assessment of Emphysema as a Predictor of Disease Severity in COVID-19 Sadatomo Tasaka (Hirososaki, Japan), Shuichi Murakami	**PA1755**

Comparison of diffusion capacity for carbon monoxide (DLCO) using standard and measured value of hemoglobin (Hb) **PA1756**
Jeanette Nygård (Jessheim, Norway), Anita Grongstad, Christine Gudim Karlsen

Mannitol Bronchial Challenge Testing at SVPH: A Retrospective Review **PA1757**
Anita Doggett (Dublin 4, Ireland), Su Hepenstall, C. Prof Gallagher

Development and Early Feasibility of a Cross-Culturally Adapted Pictorial Asthma Action Plan Integrated with Peak Expiratory Flow Monitoring for Rural Paediatric Asthma in India **PA1758**
Premraj Parate (Pune, India), Vishal More, Anand Kawade, Parag Khatavkar, Hani Syahida, Dhiraj Agarwal

PS-28 Session 150 12:30 - 14:00

Poster session: Exercise, function and rehabilitation in paediatric respiratory diseases

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary function testing Pulmonary rehabilitation Physiology Public health

Tag(s) : Clinical

Chairs : Pierre Cnockaert (Brussels, Belgium), Pamela Laird (Perth, Australia), Adam Lewis (Southampton, United Kingdom)

Maximal exercise capacity, physical activity levels, muscle oxygenation and quality of life in children with inborn errors of immunity **PA1760**
Riad Bejta (Budapest, Hungary), Caner Aytekin, Meral Boşnak Güçlü

Upper-limb CPET in healthy children and adolescents: comparison with lower-limb predicted values and anthropometry **PA1761**
Marina Rodrigues (Belo Horizonte, Brazil), Thiago Martins, Brenda Vilas-Boas, Fernanda Lanza

Cardiopulmonary exercise testing versus six-minute walk test in children with esophageal atresia **PA1762**
Aslihan Cakmak-Onal (Ankara, Türkiye), Elif Kocaaga, Ismail Songul, Meltem Yildiz-Kayaoglu, Tutku Soyer, Ozlem Boybeyi-Turer, Nagehan Emiralioglu-Ordukaya, Elmas Ebru Yalcin, Deniz Inal-Ince

Cross Disease Comparison of Upper Extremity Functional Capacity, Muscle Oxygen Kinetics, and Balance in Pediatric Cystic Fibrosis and Primary Ciliary Dyskinesia **PA1763**
Betül Yoleri (Ankara, Türkiye), Şeyma Mutlu Kayaarslan, Meral Boşnak Güçlü

Efficacy of slow-flow manual techniques used in respiratory physiotherapy in infants with bronchiolitis: A systematic review and meta-analysis **PA1764**
Luis Vasconcello-Castillo (Santiago, Chile), Natalia Lopes Cardoso, Rodrigo Torres-Castro, Homero Puppo, Edna Ferreira, Matías Otto-Yañez, Sebastián Vergara, Sayén Huaiquilaf, Roberto Vera-Uribe

Development of “Let’s Move! My Activity Book”: a physical activity intervention for children with Cystic Fibrosis using the Behaviour Change Wheel **PA1765**
Manon Kinaupenne (Ghent, Belgium), Samantha Van Beurden, Stephanie Van Biervliet, Heleen Demeyer, Marieke De Craemer

Efect of robot-assisted gait training on respiratory outcomes and functional capacity in cerebral palsy **PA1766**
Efe Alcan (Istanbul, Türkiye), Ela Tarakci, Onur Koksal

Assessment of arterial stiffness in children with primary ciliary dyskinesia **PA1767**
Aydan Asli Aksel-Uylar (Ankara, Türkiye), Kubra Kilic, Aslihan Cakmak-Onal, Melda Saglam, Ebru Calik, Ugur Ozcelik, Deniz Dogru-Ersoz, Ebru Yalcin, Nagehan Emiralioglu-Ordukaya, Tugce Kantemir, Naciye Vardar-Yagli

The correlation between dynamic balance and upper extremity functional capacity, muscle strength in children with primary ciliary dyskinesia **PA1768**
Şeyma Mutlu Kayaarslan (Ankara, Türkiye), Meral Boşnak Güçlü, Tuğba Şişmanlar Eyüboğlu, Ayşe Tana Aslan

Effects of Combined Inspiratory and Expiratory Muscle Training in Pediatric Kidney Transplant Recipients: A Randomized Controlled Study **PA1769**
Hikmet Uçgun (Istanbul, Türkiye), Meltem Kaya, Aysenur Temizel Tombul, Mehmet Tasdemir, Hilal Denizoglu Kulli, Ozan Ozkaya

THE DIFFERENT PERSPECTIVES OF CARDIOPULMONARY EXERCISE TESTING TO DETERMINE THE ORIGIN OF DYSPNEA **PA1770**
Anna Rodo Pin (Barcelona, Spain), M Pilar Ausin Herrero, Antonio Sancho Muñoz, Mireia Admetlló Papiol, Jacinto García Lorenzo, M Araceli Caballero Rabasco, Diego Agustin Rodriguez Chiaradía

Impact of bronchopulmonary dysplasia and tracheostomy on respiratory function and diaphragmatic mechanics in children with cerebral palsy **PA1771**
Evelim Gomes (São Paulo (SP), Brazil), Amanda Figueiredo, Bruna Varga, Fernanda Leal, Etiene Carvalho

Quality of Life and Airway Inflammation in Children with Asthma: Integrating Clinical, Functional, and ICF-Based Measures **PA1772**
Evelim Gomes (São Paulo (SP), Brazil), Julia Santos Lima, Angelica Godenço Leite, Dirceu Costa

Beyond body composition: functional upper body strength impairment in children with asthma **PA1774**
Melissa Köprülüoglu (Izmir, Türkiye), Arzu Shufta, Elvan Felekoglu, Melissa Kopruluoglu Koc, Semiha Bahceci Erdem, Ilknur Naz

Comparison of dyspnea perception, functional capacity, kinesiophobia and quality of life between individuals with idiopathic scoliosis and healthy peers: a pilot study **PA1775**
Hazal Sonbahar Ulu (Antalya, Türkiye), Işıl Çil Ture

How Physical Activity Level Affects Response to High-Intensity Interval Exercise in Asthmatic Children: A Pilot Study **PA1776**
Melissa Köprülüoglu (Izmir, Türkiye), Ozge Yılmaz, Hasan Yuksel, İlknur Naz

PS-29 Session 151 12:30 - 14:00

Poster session: Advances in muscle function, biomarkers and functional testing in respiratory disease

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Pulmonary rehabilitation Public health General respiratory patient care Pulmonary function testing Epidemiology Physiology Surgery

Tag(s) : Clinical

Chairs : Mara Paneroni (Mazzano (BS), Italy), Johan Jakobsson (Umeå, Sweden), Luis Felipe Da Fonseca Reis (Rio De Janeiro (RJ), Brazil)

Late Breaking Abstract - Reference equations and normative data for isometric quadriceps strength and handgrip in healthy adults: a global scoping review **PA1777**
Nicola Sante Diciolla (Madrid, Spain), María Ros-Domínguez, Teresa E. Fernández-Pardo

Surface electromyography as a potential biomarker to identify responders to pulmonary rehabilitation in COPD: preliminary findings **PA1778**
Paulien Mellaerts (Leuven, Belgium), Simone Pancera, Luc Janssens, Bart Vanrumste, Mykyta Chunikhin, Stephanie Everaerts, Wim Janssens, Heleen Demeyer, Thierry Troosters

Surface EMG to measure peripheral muscle fatigue in COPD **PA1779**
Simone Pancera (Leuven, Belgium), Paulien Mellaerts, Mykyta Chunikhin, Luc Janssens, Bart Vanrumste, Stephanie Everaerts, Wim Janssens, Heleen Demeyer, Thierry Troosters

Sit-to-Stand Power Across Adulthood in Latin America: Relative and Allometric Reference Values. **PA1780**
Matías Otto-Yáñez (Santiago De Chile, Chile), Rodrigo Torres-Castro, Sofía Dávila-Oña, Mauricio Morales-Satan, Jhonatan Betancourt-Peña, Juan Carlos Ávila-Valencia, Jenifer Rodríguez- Castro, Alejandra Pérez -Bazáes, Carlos Cruz, Luis Vasconcello-Castillo, Julián Alcazar, Roberto Vera-Uribe

Complementary Sit-to-Stand Tests Identify Distinct Physical Ability Profiles in Severe COPD: A Prospective Cohort Study **PA1781**
Henrik Hansen (Dragør, Denmark), Christina Nielsen, Jeanette Hansen, Nina Godtfredsen

Sit-to-Stand Muscle Power is reduced in patients with Pulmonary Hypertension **PA1782**
Vanessa Resqueti (Natal (RN), Brazil), Ilsa Priscila Santos, Natalia Lopes Cardoso, Yasmin Souza de Lima, Lucas Lima, Stephany Lopes, Luis Vasconcello Castillo, Rodrigo Torres-Castro, Guilherme Fregonezi, Matias Otto-Yáñez

A novel machine learning model of smartphone-based 1-Minute Sit-to-Stand test for prediction of six-minute walk test distance in patients with COPD **PA1783**
Simin Xie, Xiao Ge, Yi Guo, Min Zhou

Upper extremity endurance in interstitial lung disease: associations with pulmonary function, small airway flow and disease severity **PA1784**
Begum Unlu (Istanbul, Türkiye), Anıl Gökçen, Nisanur Tutuş, Elif Yıldırım, İpek Özmen, Aysel Yıldız Özer, Mine Gülden Polat

Effects of low-intensity blood flow restriction training on quadriceps muscle function and structure in COPD: preliminary findings **PA1785**
Magno F Formiga (Fortaleza, CE, Brazil), Andressa Rodrigues de Souza, Matheus de Castro Sales, Melissa de Queiroz Carvalho, Taynara Rodrigues Ramos França, Maria da Penha Uchoa Sales, Cyntia Maria Sampaio Viana, Rafael Barreto Mesquita

Protocol matters: reliability and clinical associations of different protocols of quadriceps femoris ultrasound assessment in individuals with stable COPD **PA1786**
Gustavo Pakuszewski (Londrina, Brazil), Humberto Silva, Thais Tofoli, Amanda Pucca, Lais Santin, Marcelo Farani, Felipe Machado, Carlos Camilo, Heleen Demeyer, Fabio Pitta

An investigation of muscle oxygenation in patients with AECOPD: a pilot study **PA1787**
Alper Kemal Gürbüz (Kirikkale, Türkiye), Aysu YALMAN, Hidaye Yamikan, Gulse Ozer, Irem Suzen, Oguz Karcioglu, Aynur Demirel

Peripheral muscle and diaphragmatic ultrasound as functional markers in infants with complex congenital heart disease **PA1788**
Evelim Gomes (São Paulo (SP), Brazil), Tamires Gomes, Yrani Pinto, Rafael Ianotti, Kelly Abud

Comparison of Muscle Oxygenation and Functional Capacity among Primary Ciliary Dyskinesia, Cystic Fibrosis, and Healthy Peers **PA1789**
Şeyma Mutlu Kayaarslan (Ankara, Türkiye), Betül Yoleri, Meral Boşnak Güçlü

Pulmonary function, dyspnea, and peripheral muscle strength in COPD patients with and without inspiratory muscle weakness **PA1790**
Musa Güneş (Karabuk, Türkiye), Rabia Hande Avcı

Effects of eosinophilia on muscle strength and exercise capacity in COPD **PA1791**
Deniz Inal-Ince (Ankara, Türkiye), Elif Kocaaga, Aslihan Cakmak-Onal, Duygu Aydin, Oguz Karcioglu

Alpha-1 Antitrypsin Z-allele dosage is associated with sarcopenia in the UK Biobank **PA1792**
Amy Attaway (Cleveland, United States), Karina Serban, Umur Hatipoglu, Peter Bazeley, Srinivasan Dasarathy, James Stoller, Russell Bowler

Comparison of maximal exercise capacity and quadriceps oxygenation in idiopathic pulmonary fibrosis, hypersensitivity pneumonia, and healthy individuals **PA1793**
Beyza Nur Öymez (Ankara, Türkiye), Meral Boşnak Güçlü, Nilgün Yılmaz Demirci

Measurement properties of performance-based functional status tests in interstitial lung disease (ILD) **PA1794**
Cíntia Dias (Vila Nova De Gaia, Portugal), Raquel Marinho, Laura Noronha, Eduarda Tinoco, Tiago Alfaro, Vânia Fernandes, Sérgio Campainha, Chris Burtin, Alda Marques

Gait speed on different surfaces in patients with COPD: a systematic review and meta-analysis **PA1795**
aynur demirel (ankara, Türkiye), Hidaye Yamıkan

Supervised versus home-based cardiopulmonary rehabilitation in post-COVID-19 syndrome: a randomized controlled trial comparing functional outcomes and muscle performance after 12-week interventions **PA1796**
Luis Felipe Da Fonseca Reis (Rio De Janeiro (RJ), Brazil), Ana Carolina Sebastião da Silva Alves, Arthur de Sá Ferreira, Agnaldo José Lopes

PS-3 Session 152 12:30 - 14:00

Poster session: What's new in COPD physiology?

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : Pulmonary function testing Physiology Pulmonary rehabilitation Imaging General respiratory patient care Epidemiology

Tag(s) : Clinical, Translational

Chairs : Azamat Akylbekov (Bishkek, Kyrgyzstan), Selin Özuygur Ermis (Gothenburg, Sweden), Molly M Baldwin (Leicester, United Kingdom)

Late Breaking Abstract - Inhaled Treprostinil does not improve exercise tolerance in patients with mild COPD **PA1797**
Michael Stickland (Edmonton, Canada), Andrew D'Souza, Andrew Brotto, Desi Fuhr, Eli Bok, Chuanyi Foo, Kostiantyn Dmytriiev, Jason Weatherald

Tissue Doppler Imaging Outperforms Conventional Ultrasound in the Assessment of the Diaphragm in COPD Andrea Jiménez Antón (Granada, Spain), Bernardino Alcázar Navarrete, Laura Casares Martín-Moreno, Pedro J Romero, Ángel Almansa López, Ángel Almansa López, Lucía Álvarez Muro	**PA1798**
Beyond the Fixed Ratio: Age-Related Z-Score Deficits and Demographic Influences on $FEF_{25–75}$ in COPD Beauty Halder (West Bengal, India), Arup Halder, Raja Dhar	**PA1799**
Associations between CT-derived pulmonary morphology and COPD phenotypes Julie Hestnes Øyhovden (Bergen, Norway), Christina Svendsen, Rune Nielsen, Kristoffer Ostridge, Rodgrigo Nava, Tomas Eagan	**PA1800**
Validation of N-Tidal Diagnose for COPD Diagnosis in an Independent Cohort Lauren G. Reinders (Eindhoven, Netherlands), Rui Hen Lim, Leeran Talker, Gabriel Lambert, Judit Axmann, Wei Tew, Alexander Mackay, Divya Mohan, Veit Erpenbeck, Jonas Dorn, David Nobbs, Julia Gomez Camblor, Ameera X Patel, Sami O Simons	**PA1801**
Correlation of body plethysmograph with voxel density in an emphysematous severe COPD cohort: Developing an emphysema pathway Ketan Patel (London, United Kingdom), Sotiris Yiakoumi, Stephanie Uys, Tim Batchelor, Richa Singh	**PA1803**
Increased venous admixture and alveolar deadspace in stable COPD are unrelated but relate independently to airflow obstruction and DLCO Kristina Kairaitis (Westmead, Australia), Robert Robles, Catherine E. Farrow, Fahimeh Faqihi, G. Kim Prisk, Peter D. Wagner, Terence C. Amis, Stephen Milne	**PA1804**
Annual Trajectory of Lung Function Change and Its Associated Factors in Patients with Chronic Obstructive Pulmonary Disease and Obstructive Sleep Apnea Overlap Syndrome Bingzhu Hu, Min Liu, Yi Shi, Juanjuan Ma, Cheng Jiang, Fajiu Li, Cheng Hong Li	**PA1805**
Discordance between GOLD and pre-bronchodilator z-scores in COPD: prevalence and clinical features Amani SAYHI (Sousse, Tunisia), Salma Bouslema, Fatma Guezguez, Ines Ghannouci, Sonia Rouatbi	**PA1806**
Association Between Maximal Voluntary Ventilation and Dyspnea Severity in COPD: A Cross-Sectional Analysis LU WANG (Chongqing, China)	**PA1807**
Risk factors for decreased physical activity in patients with COPD and incipient respiratory insufficiency Gabriella Eliason (Örebro, Sweden), Christer Janson, Josefin Sundh, Karin Wadell, Margareta Emtner	**PA1808**
Utilising a residual volume calculator to screen for hyperinflation: Developing an emphysema pathway Ketan Patel (London, United Kingdom), Sotiris Yiakoumi, Stephanie Uys, Tim Batchelor, Richa Singh	**PA1809**
Improvement in Peripheral Airway Function After a 12-Week Exercise Intervention in COPD Linda Elowsson (Lund, Sweden), Anna Cederberg, Hugo Öhrneman, Ellen Tufvesson, Caroline Larsson, Bryan Falcones, Hamid Akbarshahi, Jaro Ankerst, Leif Bjermer, Andreas Palm, Jakob Löndahl, Andrei Malinovschi, Christer Janson, Margareta Emtner, Gunilla Westergren-Thorsson	**PA1810**
Linking small airway impedance to the neurophysiological underpinning of exertional dyspnea in COPD: The effects of inhaled BD Matthew D. James (Kingston (ON), Canada), Karam Alosta, Reginald M. Smyth, John McCleary, Sandra G. Vincent, Madison Coyle, Abed A. Hijleh, Guilherme D. Back, Pedro Dal Lago, Sebastián Rodríguez-Llamazares, Amany F. Elbehairy, Nicolle J. Domnik, J. Alberto Neder	**PA1811**
Quantitative CT densitometry is associated with clinical outcomes in patients with emphysema and COPD: a targeted literature review Monica Goldklang (New York, United States), Igor Barjaktarevic, Priscilla Wittkopf, Caroline von Wilamowitz-Moellendorff, Laila Al-Shaar, Nathan Thibault, Kenneth Berger, Mario Aguiar, Michael Wells	**PA1812**
Remote Telehealth Administration of Shuttle Walk Tests in Stable COPD: A Prospective Face-to-Face Comparison Ayse Demirkaya (Ankara, Türkiye), İpek Candemir	**PA1813**
Incremental Shuttle Walk Test and Its Relationship with Pulmonary Function in COPD Komal Shah (Nashik, India), Abhinandan Mutha, Swapnil Sakhala, Bhavik Shah	**PA1814**

Association between Sleep Quality, Symptom Burden and Lung Function in COPD: A Cross-Sectional Study Using the PSQI **PA1815**
Artur Zanelatto Santos (Porto Alegre (RS), Brazil), Fernanda Oliveira Baptista da Silva, Lauren dos Santos Copatti, Amanda Calage Pinto, Felipe de Matos Sanches, Laura Correa de Barros Trombin, Tais Losekann Zorrer, Maria Eduarda Tomelero Cirne, Litiele Evelin Wagner, Clara Giffoni Soares de Freitas, Cecília Rodenbusch, Marli Maria Knorst, Michelle Cailleaux-Cezar, Danilo Cortozi Berton

Diaphragmatic dysfunction and submaximal exercise performance in stable COPD patients **PA1816**
Chaima BRIKI (ariana, Tunisia), Khouloud Kchaou, Molk Maalej, Soumaya Khaldi, Yacine Ouhachi

PS-30 Session 153 12:30 - 14:00

Poster session: Pneumonia: management, stewardship and prevention

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care Public health Epidemiology General respiratory patient care Cell and molecular biology Imaging

Tag(s) : Clinical, Prevention

Chairs : Saqib Baig (Titusville, United States), Irena Kondova Topuzovska (Skopje, North Macedonia), Efthymia Papadopoulou (Thessaloniki, Greece)

Late Breaking Abstract - Integrated diagnostic strategies for Pneumocystis pneumonia: bronchoalveolar lavage qPCR cycle threshold and serum β-D-glucan **PA1817**
Marco Marando (Genève, Switzerland), Léon Genecand, Arnaud Riat, Adriana Tamburello, Jacques Schrenzel, Dionysios Neofytos, Anne Bergeron

IMPROVING PNEUMONIA AWARENESS THROUGH A COMMUNITY-BASED EDUCATIONAL INTERVENTION: A PRE–POST STUDY AMONG CAREGIVERS IN PAKISTAN **PA1818**
Abdul Mannan Mustafa (Multan, Pakistan), Ghulam Mustafa

Nanopore methylome profiling identifies a distinct 6mA hypomethylation signature in macrolide-resistant Mycoplasma pneumoniae **PA1819**
Feifei Yang (Beijing, China), Ran Li, Zhancheng Gao

Post-pandemic trends in multidrug-resistant bacterial pneumonia assessed by multiplex PCR in a Latin American referral centre **PA1820**
Isabel Virginia Hernández Linares (Bogotá D.C., Colombia), María Cristina Martínez, María José Contreras, Jairo Hildebrando Roa, Angela Patricia Aguirre, Juan David Plata, Eduardo Alejandro Iregui, Olga Milena García

Risk prediction model for lower respiratory tract infections in older adults **PA1821**
Qing Zhang, Xiaoying Gu, Xiaohui Zou, Bin Cao

VAP bundle compliance and clinical outcomes in ICU and wards in a tertiary hospital of a developing country **PA1822**
Mary Nadine Alessandra Uy (Manila, Philippines), Maria Rina Lanoy, Paulo Gabrial Godisan, Mithi Kalayaan Zamora, Manuel Peter Paul II Jorge

Virus-associated pulmonary aspergillosis (VAPA) beyond covid-19 and influenza: frequency, clinical features, and outcomes from Pakistan **PA1823**
Muhammad Irfan (Karachi (Sindh), Pakistan), Kauser Jabeen, Nousheen Iqbal, Talha Shahzad, Akbar Shoukat Ali, Joveria Farooqi

Atrial fibrillation as a cardiovascular comorbidity in RSV- and hMPV-associated community-acquired pneumonia: clinical characteristics of virus-positive patients from the German CAPNETZ cohort **PA1824**
Benjamin T. Schleenvoigt (Jena, Germany), Gopinath Krishnamoorthy, Paul Schmidt, Grit Barten-Neiner, Katrin Schöneweis, Marcus Panning, Jan Rupp, Martin Witzenrath, Jessica Rademacher, Gernot Rohde, Mathias W. Pletz

Viral-Induced Exacerbations in COPD: A Major Determinant of Acute and Long-Term Mortality **PA1825**
Theocharis Georgiadis (Athens, Greece), Georgios Ioannis Poupouzas, Nikolaos Athanasiou, Georgia Athanasopoulou, Zacharias Diakonikolaou, Athina Kallimani, Petros Andrikogiannopoulos, Athina Argyropoulou, Kyriaki Ranellou, Ioanna Sigala, Paraskevi Katsaounou

Staphylococcus aureus and micronanoplastics: impact on respiratory infections **PA1826**
Iris Romero Andrada (Barcelona, Spain), Balasubramanyam Annangi, Laia Ortiz, Dídac Vulcano, Javier Gutiérrez, Alba Hernández, Alicia Lacoma, Jose Domínguez

Patient outcome according to drug exposure of systemic colistin in patients with ventilator-associated pneumonia caused by carbapenem-resistant gram-negative bacilli treated with systemic and aerosolized colistin **PA1827**
Min Seo Kang (Seoul, Republic of Korea), Sungyoon Woo, Kyungmin Huh

Effect of pneumococcal vaccination on pneumonia outcomes in patients receiving systemic corticosteroid therapy **PA1828**
Aybüke Karakaş (Ankara, Türkiye), Serdar Can Güven, Emre Altın, Ayşegül Karalezli, Hatice Kılıç

Dynamic Trajectories of SOFA, MEWS, and Inflammatory Biomarkers in Severe Pneumonia: An Observational Comparison of Hydrocortisone Infusion and Bolus Dosing **PA1829**
Shubham Shukla (Lucknow, India), Santosh Kumar, Surya Kant, Rajiv Garg

Long-COVID syndrome and vaccination protection – a prospective study analysis **PA1830**
Gonçalo Filipe Jacinto Fernandes (Lagos, Portugal), Ana Rita Ribeiro, Benedita Ferreira, Mariana Goulart, Pedro Americano, Catia Saraiva, Ligia Píres, Helena Chave Ramos, Djamila Neves, Cláudia Guerreiro, Sofia Barroso, Maria José Guimarães, Bebiana Conde, Jorge Ferreira, Marta Drummond

Management of severe exacerbations in non-cystic fibrosis bronchiectasis: a real-world cohort analysis from a tertiary care centre. **PA1831**
Francesco Bertuccio (Pavia, Italy), Lucrezia Pisanu, Lorenzo Arlando, Maria Arminio, Paolo Cosseta Reposi, Mitela Tafa, Elisabetta Gallo, Angelo Guido Corsico, Giulia Maria Stella, Valentina Conio

HIGH INFLAMMATORY PROFILE PNEUMOCOCCAL PNEUMONIA: IMPACT OF BACTEREMIA. **PA1832**
Leire San Juan Redondo (Barakaldo, Spain), Leyre Serrano Fernandez, Ainhoa Gomez Bonilla, Cristina Valverde Novillo, Carlos Caldera Fernandez, Ane Uranga Echevarria, Beatriz Gomez Crespo, Borja Ortiz de Urbina Antia, Ainhoa Maiz Loyola, Luis Alberto Ruiz Iturriaga

Improving health literacy on vaccination against respiratory pathogens among frail older adults in Greece: a Healthy Lungs for Life campaign action **PA1833**
Nikoleta Bizymi (Athens, Greece), Andreas M. Matthaiou, Panayiotis Kouis, Panagiotis Sotiropoulos, Adamantia Liapikou, Pinelopi Anagnostopoulou, Panayiotis K. Yiallouros

COVID-19 Vaccination and Hospitalization Prevention in Household Contacts: A Long-term Case-Control Study (2021-2023) **PA1834**
Limin Zhang (beijing, China), Yeming Wang, Bin Cao

CLINICAL SEVERITY OF PNEUMOCOCCAL PNEUMONIA AMONG ADULTS HOSPITALIZED WITH COMMUNITY-ACQUIRED **PA1835**
Christina Ntinidi (Athens, Greece), Adamadia Liapikou, Konstantinos Papatheodosiou, AndreasM Matthaiou, Nikoleta Bizymi, Despoina Ntona, Emmanouella Zervou, Maria Gangadi, Vasiliki Bessa

Human Bocavirus Infection in Hospitalized Children: A Multicenter Observational Study **PA1836**
Laura Petrarca (Roma (RM), Italy), Simona Marra, Marco Poeta, Cristina Moracas, Elisabetta Venturini, Raffaella Nenna, Maria Sole Valentino, Giorgia Daffunchio, Claudio Cafagno, Stefania Mercadante, Agnese Tamborino, Giovanni Luigi Chiaffoni, Celeste Raguseo, Marco Maglione, Alice Romero, Fabio Midulla, Alfredo Guarino

PS-31 Session 154 12:30 - 14:00

Poster session: Prevention and treatment of respiratory infection: emerging mechanisms and therapeutic targets

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care General respiratory patient care Cell and molecular biology Public health Epidemiology Physiology

Tag(s) : Basic science, Clinical, Translational , Prevention

Chairs : Sanjay Haresh Chotirmall (Singapore, Singapore), Anne Bindá (São Paulo (SP), Brazil), Chair to be confirmed

Late Breaking Abstract - Mechanistic Study of Capsular Polysaccharide GXM in Promoting Extrapulmonary Dissemination of Cryptococcus by Inducing Dysfunction of the CX3CR1+ NK Cell Subset **PA1837**
Feng Ye (Guangzhou, China), Yutian Su, Suxin Zeng, Zhengtu Li, Feng Ye

LSC - 2026 - Transcriptomic analysis of circulating myeloid-derived suppressor cells (MDSCs) and T cells in bronchiectasis **PA1838**
Nikoleta Bizymi (Athens, Greece), Andreas M. Matthaiou, Angelos-Panagiotis Bizymis, Georgios Pitsidianakis, Matthieu Lavigne, Emmanuel Dialynas, Niki Gounalaki, Eirini Stratidaki, Maria Semitekolou, Nikolaos Tzanakis, Katerina Antoniou

Brensocatib in patients with non-cystic fibrosis bronchiectasis (NCFB) and history of nontuberculous mycobacteria (NTM) infection: A post-hoc analysis of the ASPEN trial Michael Loebinger (London, United Kingdom), Kevin L. Winthrop, James J. Tolle, James D. Chalmers, Michael R. Loebinger, Ho Namkoong, Xiaodan Wei, Melanie Lauterio, Ariel Teper	**PA1839**
Quantifying the psychosocial impact of exacerbations in bronchiectasis: a European patient-centered study Eva Polverino (Barcelona, Spain), Michal Shteinberg, Sunjay Devarajan, Takanori Asakura, Christian Hoenig, Prina Donga, Roger Legtenberg, Melanie Lauterio, Joseph Feliciano	**PA1840**
Effect of long-term azithromycin on exacerbation rates in bronchiectasis: a real-world cohort study Sonia Henchi (Lodi, Italy), Marianna Russo, Nicolò Maria Vanoni, Mariano Scozzafava, Giuseppe Cipolla	**PA1841**
An exploratory sputum DNA methylation analysis in patients with bronchiectasis Lídia Perea (Barcelona, Spain), Julieta Viglino *, Pau Marrades, Núria Mendoza, Sandra Casas-Recasens, Pilar Martinez-Olondris, Rosanel Amaro, Alvar Agustí, Amelia Shoemark, Stefano Aliberti, James D Chalmers, Oriol Sibila ‡, Rosa Faner ‡	**PA1842**
Pre-existing and induced phage-specific antibodies compromise phage therapy outcomes Georgia Mitropoulou (Lausanne, Switzerland), Niki Ubags, Sylvain Blanchon, Angela Koutsokera, Aurelien Trompette, Seher Güney-Ayra, Benoit Guery, Jean-François Brunet, Chantal Csajka, Cristophe von Garnier, Grégory Resch	**PA1843**
Criteria and outcomes of "Genetics First"- evaluation for monognic bronchiectasis by pulmonologists in a Health Maintenance Organisation. Michal Shteinberg (Haifa, Israel), Camilla Lee, Rotem Greenberg, Karin Yaacoby-Bianu, Dina Yagel, Dario Prais, Raya Cohen, Shay Ben Shahar	**PA1844**
Combining phages and ceftolozane/tazobactam against carbapenem-resistant Pseudomonas aeruginosa restricts the evolution of resistance in endotracheal tube biofilm. Laia Fernandez Barat (Barcelona, Spain), Viviane Oliveira, Amanda Rocha, Alba Soler-Comas, Guillem Macip, Miguel Ferrer, Antoni Torres, Laia Fernandez-Barat	**PA1846**
Antibacterial and Antibiofilm Activity of Chitosan Nanoparticles Loaded with Peganum harmala L. Extracts Against Multidrug-Resistant Pseudomonas aeruginosa Isolates from Cystic Fibrosis Patients Hafez Al-momani (Zarqa, Jordan)	**PA1847**
Investigating disulfiram as a dual-action therapy for Pseudomonas aeruginosa infection in bronchiectasis Jie Ying Lee (Dundee, United Kingdom), Rebecca Hull, James Chalmers, Isavella Petrou, Rachel Galloway, Amy Gilmour, Ashleigh Foubister, Holly Lind, Kateryna Viligorska, Emma Jackson, Merete Long	**PA1848**
Pseudomonas aeruginosa infection increases sputum viscoelasticity and chronic inflammation in bronchiectasis Christine K Wong (Berlin, Germany), Tung Thanh Tran, Kerstin Fentker, Tina Büttner, Kathrin Seidel, Achim Grünewaldt, Axel T Kempa, Bernhard Schaaf, Urte Sommerwerck, Sivagurunathan Sutharsan, Sébastien Boutin, Philipp Mertins, Jessica Rademacher, Pontus Mertsch, Felix C Ringshausen, Marcus A Mall	**PA1849**
Phenotyping eosinophilic inflammation spectrum in bronchiectasis: data from a Greek bronchiectasis cohort SPYRIDON PAPANDRIANOS (Athens, Greece), Chrysavgi Kosti, Antonia Digalaki, Emmanouela Zervou, Andreas Matthaiou, Despoina Ntona, Chryso Pavlou, Ioannis Tomos, Serafeim Chrysikos, Katerina Dimakou, Adamantia Liapikou	**PA1850**
Examining clinicians' knowledge of diagnosis and management of bronchiectasis: An EMBARC/ELF survey. Fiona Mosgrove (Portlethen, Aberdeenshire, United Kingdom), Michal Shteinberg, Jeanette Boyd, Oriol Sibila, Pieter Goeminne, James D Chalmers	**PA1851**
Pneumocystosis Challenge In People Living With HIV Admitted To The ICU At The Instituto Nacional de Enfermedades Respiratorias In Mexico Monica Libertad Moya Alfaro (Ciudad de México, Mexico), Paulina Carreño Pérez, Victor Hugo Ahumada Topete, Amy Bethel Peralta Prado, José Luis Sandoval Gutiérrez, Marcos Vidals Sánchez	**PA1852**
Household Out-of-Pocket Burden Costs for Pediatric Pneumonia in Low- and Middle-Income Countries: Evidence Review and Econometric Framework Asterios Kampouras (Thessaloniki, Greece), Ioannis Smaraidos	**PA1853**

Breathless but not defenceless: improving vaccination uptake in chronic obstructive pulmonary disease (COPD) patients, a quality improvement project (QIP) **PA1854**
Daniela Toumazi (Chelmsford, United Kingdom), Sunaina Lohano, Sruthi Anna Augustine, Edward Graham-Leigh, Abigail Moore

Patient-Reported Pharmacological Treatment of Acute Upper Respiratory Tract Infections in Ukraine **PA1855**
Yelyzaveta Beridze (Vinnytsia, Ukraine), Luiza Herman, Alina Moshchenko, Kateryna Shmyhyrivska, Anna Demchuk, Vitalii Poberezhets

Mucus hyper-concentration in children with bronchiectasis correlates with increased respiratory symptoms **PA1856**
Crystal Bourke (Nedlands, Australia), André Schultz, Craig Schofield, Kitty Obando, Julia Casella, Marina Kakuda Ng, Tabitha Cleary, Alana Harper, Yuliya Karpievitch, Luke Garratt, Peter Richmond, Anne Chang, Kathryn Ramsey

PS-32 Session 155 12:30 - 14:00

Poster session: Pleural and extrapulmonary tuberculosis: diagnostic challenges and clinical complexity

Disease(s) : Thoracic oncology

Method(s) : General respiratory patient care Epidemiology Public health Pulmonary function testing Imaging Surgery

Tag(s) : Clinical

Chairs : Onn Min Kon (London, United Kingdom), Dirk Wagner (Freiburg, Germany), Putri Shafirra Rakita (Jakarta, Indonesia)

Late Breaking Abstract - Extrapulmonary Tuberculosis in Indonesia: Trends and Characteristics from National Health Insurance Claims Data, 2020-2024 **PA1857**
Putri Shafirra Rakita (Jakarta, Indonesia), Zamharirah Tamzil, Bobby Singh

Complex tuberculous pleural effusions and intrapleural enzyme therapy **PA1858**
Harry Mitchell (London, United Kingdom), Sean Walsh, Cristina Torrealba, Harry Bellenberg, Praseheena Naran, Clare Ross, Anand Sundaralingam, Rudy Sinharay, Meg Coleman, Laura Martin, Jamilah Meghji, Onn Min Kon, Mirae Park

Diagnostic Value of Adenosine Deaminase and Interferon-γ in Tuberculous Pleurisy **PA1859**
Fazlkhan Abdugapparov (Tashkent, Uzbekistan)

Does one size fit all? Retrospective evaluation of ADA in pleural tuberculosis **PA1860**
Ana Teresa Cruz Castelo Grande (Gondomar, Portugal), Nuno de Barros Ferreira, Pedro Marinho Manso, Margarida Narciso de Sousa, Verónica Cardoso, Filipa Torres Silva, Ana Cláudia Pimenta

Lung malignancy in patients with nontuberculous mycobacterial infection: differentiation from NTM-related benign lesions in a biopsy-proven cohort **PA1861**
Wonju Hong (Anyang, Gyeonggi-do, Republic of Korea), In Jae Lee

Diagnostic Value of AdenosineDeaminase (ADA) in Clear Pleural Effusions **PA1862**
khaoula ben hammad (SALE, Morocco), Sara Mrani, Majda Moutahir, Mouna Soualhi, Rachida Zahraoui, Jamal Eddine Bourkadi

Pneumonectomy for Benign Lesions: A Series of 117 Cases **PA1863**
Mahdi Abdennadher (Ariana, Tunisia), amina abdelkbir, Fatma Inched Jemal, Mariem HAD Dahmane, Hazem Zribi, Imen Bouacida, Adel Marghli

Significance of diagnostic delay in central nervous system tuberculosis (TB): a case series from Bradford (UK) **PA1864**
Ella Windle (Bradford, United Kingdom), Riddhi Deshpande, Tanveer Khalid

Clinical, radiological, and microbiological profile of nontuberculous mycobacterial pulmonary disease in a Brazilian reference center **PA1866**
Ricardo Aoki (São Paulo, Brazil), Roberta Sales, Andre Nathan, Lucas Carcilo

Optimizing Extra-Pulmonary Tuberculosis (EPTB) care through Xpert MTB/XDR and anti- tubercular therapeutic drug monitoring (TDM): experience and feasibility from a resource- limited setting **PA1867**
Rohit Kumar (Faridabad, India)

Heteroresistance and Clinical Characteristics of Pulmonary and Extrapulmonary Multisite Tuberculosis **PA1868**
Yuanchun Li (Chongqing, China), Dan Li, Shuliang Guo

Drug resistance in extrapulmonary tuberculosis in South Korea, 2010–2019: a comparison with pulmonary tuberculosis **PA1869**
JEONGHA MOK (Busan, Republic of Korea), Saerom Kim, Doosoo Jeon, Taehoon Lee, Ho Young Lee, Bo Hyoung Kang

Diagnosing Tuberculous Meningitis: The Combined Role of Clinical, Radiological and CSF Findings **PA1870**
Edward Lau (London, United Kingdom), Ben Mc Loughlin, Alasdair Frater, Akanksha Mimi Malhotra, Pilar Hernandez Jimenez, Angharad Davis, Veronica White, Heinke Kunst

Is air trapping a defining feature of the bronchiectatic microenvironment predisposing to nontuberculous mycobacterial pulmonary disease? **PA1871**
Vitaliano Nicola Quaranta (Bari, Italy), Rossella Noviella, Leonardo Boccassini, Marianna Cicchetti, Maria Rosaria Vulpi, Marianna Ardito, Valeria Pezzuto, Simone De Vitis, Andrea Pagliara, Santina Ferrulli, Giuseppe Di Gioia, Alessio Marinelli, Giulia Amoroso, Nicola Valerio, Valentina Di Lecce, Carla Santomasi, Cristina De Robertis, Andrea Portacci, Silvano Dragonieri, Giovanna Elisiana Carpagnano

Respiratory muscle impairment in people living with HIV with and without previous pulmonary tuberculosis: preliminary findings from an ongoing cohort in a highly incident region in Brazil **PA1872**
Cássia Goulart (São Carlos, Brazil), Juliana Magalhães, Stephanie Vitória Alves, Mary Elsa César Alecrim, Ashiley Victoria Rodrigues de Andrade, Bernardo Maia, Jefferson Valente, Alexandra Brito De Souza, Marcelo Cordeiro-Santos, Guilherme Peixoto Areas, Fernando Almeida-Val

Healthsystem delay in the diagnosis of subclinical tuberculosis **PA1873**
Aris Alexiadis (London, United Kingdom), Sarah Aldelemi, Rebekah Merriman, Pilar Hernandez-Jimenez, Heinke Kunst

Patient delays and health system delays in tuberculosis patients: a preliminary analysis **PA1874**
Tanaya Gandhi (London, United Kingdom), Severine Matthews, Anushika Dubey, Nafisa Hussain, Mariana Nalmpanti, Sumaiyah Khaliq, Shreya Varma, Shabnaz Rahman, Anjuma Rahman, Heinke Kunst

Impact of geographic and climatic variables and environmental athmospheric pollutants on pulmonary NTM infections: an Italian nationwide case-control study **PA1875**
Antonio Morgante (Vedano al Lambro, Italy), Paola Faverio, Lorenzo Del Castello, Maura Spotti, Paola Rebora, Enrico Cesare Maggioni, Giovanni Franco, Alessandro Perotto, Raffaele Salerno, Fabrizio Luppi, Valentina Conio, Stefania Reale, Valentina Fornari, Filippo Gozzi, Bianca Granozzi, Federico Dente, Roberto Parrella, Francesca Mariotti, Marco Falcone, Maurizio Ferrarese, Luigi Codecasa, Giovanni Sotgiu, Andrea Gori, Andrea Gramegna, Margherita Ori, Edoardo Simonetta, Francesco Blasi, Stefano Aliberti

Challenges in Community TB Screening: Abnormal X-rays Despite Negative Molecular Tests **PA1876**
Sandeep Mittal (Gurgaon (Haryana), India), Pinky Goyal, Bornali Datta

PS-33 Session 156 12:30 - 14:00

Poster session: Bridging gaps in modern medicine: from bench to real-world data

Disease(s) : Thoracic oncology Interstitial lung diseases Airway diseases

Method(s) : Epidemiology Surgery General respiratory patient care Imaging Public health Cell and molecular biology Pulmonary function testing Endoscopy and interventional pulmonology

Tag(s) : Translational

Chairs : Spasoje Popević (Beograd, Republic of Serbia), Sheetal Chaurasia (Bangalore (Karnataka), India), Gökçen Ömeroğlu Şimşek (Izmir, Türkiye)

Genetic and pharmacological targeting of P2RY2 enhances antitumor immunity and inhibits non-small cell lung cancer **PA1877**
Ahmed El-Gazzar (Vienna, Austria), Bertram Aschenbrenner, Agnes Forsthuber, Markus Kramer, Zahra Kargarpour, Seda Metekol, Lisa John, Anastasia Papaporfyriou, Maša Bereš, Sarah Trouvilliez, Monika Homolya, Balázs Döme, Zsolt Megyesfalvi, Lilla Horvath, Christian Lang, Mir Alireza Hoda, Robert Zeillinger, Eva Obermayr, Silvana Geleff, Florian Frommlet, Beate M. Lichtenberger, Daniela Gompelmann, Emilio Casanova, Herwig P. Moll, Marco Idzko

Evaluation of DNA methylation in blood-derived cell-free DNA as a method to identify genetic signatures for the early identification of lung cancer. **PA1878**
Deep Raj Yadav (Lucknow, India), Santosh Kumar, Shivani Maurya

Gallium 68 labelled Prostate-Specific Membrane Antigen (PSMA) PET uptake in Non Small Cell Lung Cancer (NSCLC): Radiology Correlation with FDG PET **PA1879**
Thida Win (Stevenage (Hertfordshire), United Kingdom), Jonathan Groves, Raymond Endozo, Neil Navani, Robert Shortman, Deena Neriman, Simon Wan, Sudeshna Maitra, Marie Meagher, Ashley Groves

SENTINEL LYMPH NODE IN NON-SMALL CELL LUNG CANCER: LONG-TERM OUTCOMES AND IMMUNOPATHOLOGICAL CONSEQUENCES Florent Stasiak (Vandoeuvre Les Nancy, France), Loic Reppel, Mickael Schaeffer, Guillaume Gauchotte, Arthur Streit, Joelle Siat, Lucie Schnedecker, Joseph Seitlinger, Stephane Renaud	**PA1880**
REAL-WORLD DISPARITIES IN ACCESS TO EGFR TYROSINE KINASE INHIBITOR THERAPY AMONG LUNG CANCER PATIENTS IN INDONESIA Oke Dimas Asmara (Jakarta, Indonesia), Eric D. Tenda, Fahmi Radityamurti, Ni Nyoman Indirawati, I Putu Eka Krisnha Wijaya, Hadiki Habib, Herikurniawan Herikurniawan, Mira Yulianti, Gurmeet Singh, Telly Kamelia, Ceva W. Pitoyo, C. Martin Rumende, Zulkifli Amin, Anggriyani W. Pinandari, Yayi D.B. Susanto, Lisnawati Rachmadi, Wulyo Rajabto, Andhika Rachman, Aru W. Sudoyo, E. Christiaan Boerma, Soehartati A. Gondhowiarjo, Wouter H. van Geffen	**PA1881**
From Molecular Advances to Real-World Practice in European NSCLC: Insights from Romania Raul-Alexandru Lefter (TARGU MURES, Romania), Edith-Simona Ianosi, Dragos Hutanu, Catalin-Dumitru Sarbu, Maria-Beatrice Ianosi	**PA1882**
Pulmonary Hamartochondroma: Do Radiological Features Predict the Surgical Decision? Mahdi Abdennadher (Ariana, Tunisia), Mariem Hadj dahmane, Fatma Inched Jemal, Amina Abdelkbir, Hazem Zribi, Jawher Souilhi, Sonia Ouerghi, Adel Marghli	**PA1883**
Incidence and Factors Associated with Immune Checkpoint Inhibitor-related Pneumonitis in Lung Cancer Patients Panyachot Buasroung (Bangkok, Thailand), Thitiporn Suwatanapongched, Thanyanan Baisamut, Rawee Ruangkanchanasetr, Thanaporn Thamrongjirapat, Tananchai Petnak	**PA1884**
Meaningful change in lung cancer Care: How Chronic Obstructive Pulmmonary Disease (COPD) modifies Non-Small Cell Lung Cancer (NSCLC) phenotype and prognosis beyond smoking Arif Santoso (Makassar, Indonesia), Andi Muh. Gunawan, Sry Rahayu Alimuddin	**PA1885**
Prognosis of non-smoking patients with lung cancer Souad Souilah (Alger, Algeria), Abdelkarim Saadi, Yasmine Lahcene, Meriem Sefsaf, Yacine Benbatka, Karim Khennouf, Azziza Fissah	**PA1886**
Prognostic factors for NSCLC with synchronous brain metastasis. ASMA FATTOUMI (Ariana, Tunisia), Marwa Bougacha, Haifa Ben romdhane, Chaima Habouria, Nidhal Belloumi, Imene Bechouch, Fatma Chermiti, Soraya Fenniche	**PA1887**
Molecular Profile of Lung Cancer at First Presentation in a Saudi Tertiary Cohort Muhammed Ternati (Madinah, Saudi Arabia), Ala Eddin Sagar, Mohammed Ternati, Abdulmajeed Qashqari, Ihab Alshelli, Sarah Alrasheed, Ahmed Liju	**PA1888**
The impact of residential segregation (RS) in the lung cancer (LC) care pathway in Greece Georgia Hardavella (Athens, Greece), Ioanna Ilia, Nikolaos Anastasiou, Vaggelis Fergadis, Danai Bisirtzoglou, Despoina Nasi, Nelli Res, Ioannis Karampinis	**PA1889**
A NOVEL INSIGHT INTO THE RELATIONSHIP BETWEEN LUNG CANCER (LC) STAGE AND CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) SEVERITY Raffaella Pagliaro (Alvignano, Italy), Filippo Scialò, Giuseppe Luciano, Dario Duranti, Susan FM Campbell, Angela Schiattarella, Ilaria Di Fiore, Giulia Adinolfi, Adriano Costigliola, Fabio Perrotta, Andrea Bianco	**PA1890**
Early inflammatory and weight kinetics identify early refractory disease in small-cell lung cancer: a dynamic biomarker analysis Bochra Karaborni (Tunis, Tunisia), Mayssa Chariag, Hadhemi Rejeb, Ala Rahmouni, Dorra Greb, Hanen Smadhi, Hajer Abdelghaffar, Ines Akrout, Hela Hassen, Hela Kamoun, Leila Fekih	**PA1891**
Lung cancer in adults aged <55 years: Insight from a 4-year retrospective study in a diverse metropolitan hospital. Sayed Alderazi (Birmingham (West Midlands), United Kingdom), Shirin Hamid, Jenny Smith, Ayesha Kazi, Mayibongwe Chivizhe	**PA1892**
Survival Outcomes and Prognostic Determinants Across Histological Subtypes of Lung Adenocarcinoma: A Retrospective Analysis of 197 Cases Levent ARAFAT (kocaeli, Türkiye), Barış Demirkol, Esat Hayat, İpek Çalık, Mehmet Akif Özgül, Sibel Yurt, Gökmen Erdem Umut, Sultan Rana Ramazanoğlu, Ayşe Bahadır, Faruk Aksu, Aysun Aksu, Cem Şener	**PA1893**
MPR and pCR are associated with Event-free Survival in neoadjuvant chemoimmunotherapy of NSCLC JUAN SONG (Chengdu, China), Haoyu Wang, Ruiyuan Yang, Dan Liu, Weimin Li	**PA1894**

Comparative outcome assessment of different treatment regimens in patients of Non-Small cell Lung Cancer(NSCLC). **PA1895**
Akshay Mahendra Kawedia (New Delhi, India), Anant Mohan, Vijay Hadda, Karan Madan, Saurabh Mittal, Pavan Tiwari, Ashu Bhalla, Rambha Pandey, Rakesh Kumar, Maroof Khan

PS-34 Session 157 12:30 - 14:00

Poster session: Optimising early cancer detection and screening programmes

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology General respiratory patient care Imaging Epidemiology Public health Surgery

Tag(s) : Clinical, Sustainability, Prevention

Chairs : Angshu Bhowmik (Barnet (Hertfordshire), United Kingdom), Martina Ferioli (BOLOGNA, Italy), Skaidrius Miliauskas (Kaunas, Lithuania)

Late Breaking Abstract - Empirical antibiotics provide no benefit in solitary pulmonary ground-glass nodules: A multicenter retrospective and prospective cohort study **PA1896**
Shengling Hu, Jing Ren, Yuling Wang, Yishan Duan, Weimin Li, Bojiang Chen

The AptoDetect™-Lung assay as a blood-based predictor of advanced-stage lung cancer in patients with Lung-RADS 3–4 pulmonary nodules: A multicenter prospective cohort study **PA1897**
Bora Lee (Seoul, Republic of Korea), Chang-Min Choi, Chi Young Kim, Joong Sup Um, Won Jun Ji, Min Ji Kim, Sung Hoon Yoon, Joon Hong Ahn, Jun Hyuk Lim, Jae Wook Jung, Dong Won Park, Seung Hyun Lee, Chang Dong Yeo

Early detection of lung cancer in patients with multiple risks **PA1898**
Tereza Peterková (Jesenice, Czech Republic), Ludek Stehlik, Martina Koziar Vasakova

Clinical and Imaging Findings in Stage IA1 Lung Cancer **PA1899**
Ruiyuan Yang (Chengdu, China), Rui Zhang, Weimin Li

Diagnostic performance of the AptoDetect™-Lung biomarker for lung cancer in a high-risk Korean population: A multicenter prospective study **PA1900**
Dasom Jeon (Seoul, Republic of Korea), Chang Dong Yeo, Chi Young Kim, Jung Seop Eom, Wonjun Ji, Min Jee Kim, Jung-Min Kim, Seong Hoon Yoon, June Hong Ahn, Jun Hyeok Lim, Chaeuk Chung, Dong Won Park, Seung Hyeun Lee, Chang-Min Choi

Recruitment strategies for lung cancer screening in Hungary: experiences from the SOLACE programme **PA1901**
Zsuzsanna Miklós (Budapest, Hungary), Ildikó Barta, Zsolt Springó, Karolina Kósa, János Sándor, István Levente Kui, Piroska Pataki, Ilona Tornyi, Anna Kerpel-Fronius, Ildikó Horváth

Prevalence of COPD, Preserved ratio impaired spirometry (PRISm) and Pre-COPD at baseline and prediction of lung cancer risk from the French LUCSO lung cancer screening program in smokers occupationally exposed to lung carcinogens **PA1902**
Aude Lacourt (Bordeaux, France), Jean-Claude Pairon, Kellian Jaunas, Sébastien Gendarme, Luca Boudet, Claire Fuhrman, Pierre-Yves Brillet, Patrick Brochard, Christophe Paris, Olivier Bylicki, Véronique Le Denmat, Brice Loddé, Milia Belacel, Nadia Abdessemed, Muriel Despagne, Bénédicte Clin, Jean-François Gehanno, François Laurent, Simone Mathoulin-Pélissier, Christos Chouaïd, Gaël Dournes, Fleur Delva, Maeva Zysman

Gender-Related Differences in Tobacco Exposure and Lung Cancer Risk Perception within a Lung Cancer Screening Cohort in Lleida **PA1903**
Nerea Ramirez Seco (Lleida, Spain), Anna Sánchez-Cucó, Esther Gracia-Lavedan, Sally Santisteve, Anna Vila, Carlos Manzano, María Zuil, Aida Monge, Clara Sanz, Sílvia Barril, Wasim El Arfaoui, Ivan D. Benitez, Sonia Gatius, Carlos A. Rombolá, Marina Pardina, Maria Teresa Esqué, Virginia Garcia, José David González, Cora Andrea Sampedro, Mario Montesinos, Juan Diego Aviles, Jacinto Abellaneda, Pere Farré, Lidia Vilo, Ferran Barbé, Jessica González

Comparison of the Correlation Between Nodule Number, Size, and Characteristics and Pulmonary Function Test Results in Patients with Chronic Obstructive Pulmonary Disease **PA1904**
Emine Tuncel Yatır (Çanakkale, Türkiye), Uğur Gönlügür, Sinan Yıldırım

Incident COPD Diagnosis and Lung Function Profiles Identified Through Mobile Lung Cancer Screening in Remote Areas of a Low-Middle-Income Country: Preliminary Results from the ProPulmão Project (BRELT3) **PA1905**
Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Ricardo Sales dos Santos, Vanessa Arata, Isabel Cristina Martins Emmerick, Juliana Franceschini, Almério de Souza Machado Júnior, Adelmo de Souza Machado Neto, José Bessa Junior, Larissa Rego Voss, Cesar Augusto de Araújo Neto

Update Lung cancer Screening (LuCaS) project in Argentina. **PA1906**
Sebastian Lamot (Neuquen, Argentina), Iris Boyeras, Sebastian Defranchi, Sergio Benitez, Jose Luis Morero, Gabriela Clara Wulfson, Lisandro Paganini, Rogelio Pendino, Lucia Soledad Cuper, Luciana Vegetti, Vanesa Perrone, Alfredo Videla, Marcos Hernandez, Edgardo Sobrino, Luciana Molinari, Mercedes Pascusio, Agustin Buero, Alejandro Salvado, Nazarena Zelaya de Lon, Soledad Olivera Lopez, Guillermo Puchulo, Cecilia Ferrario, Nicolas Alberini

Performance of malignancy prediction models for incidental pulmonary nodules in a rapid diagnostic unit for lung cancer. **PA1907**
Abel Sánchez Ruiz (Badalona, Spain), Judith Boiza Rizos, Ricardo Jesús Olmedo Cabral, Sonia Margarita Baeza Mena, Carmen Centeno Clemente, Felipe Andreo Garcia, Sofia Acero Capella, Nerea Alonso Suarez, Ignasi Garcia Olivé, Antoni Rosell Gratacos

Feasibility of population-based lung cancer screening with risk-prediction model based recruitment via a digital platform **PA1908**
Charlotte Theuns (Hoboken - Antwerp, Belgium), Amber Gerris, Guido Van Hal, Jan De Lepeleire, Jan van Meerbeeck, Annemiek Snoeckx

Education and Training in Lung Cancer Screening: Results from a European Survey **PA1909**
Rebecca Mura (Vienna, Austria), Anna Kerpel-Fronius, Torsten Gerriet Blum, Joanna Chorostowska-Wynimko, Pamela Zolda, Helmut Prosch

The impact of co-morbidities on 5 year outcomes of a lung cancer screening cohort. **PA1910**
Mishal Hussain (Stoke on Trent, United Kingdom), Janina Barnett, Alison Bain, Imran Hussain

Concordance of Lymph Node Status After Curative Pulmonary Resection for Lung Cancer: A Five-Year Surgical Experience in Tunisia **PA1912**
Mahdi Abdennadher (Ariana, Tunisia), Mohamed ali Kanoun, Fatma Jmal, Amina Abdelkbir, Aida Ayadi, Adel Marghli

Lung cancer screening beyond Europe: Are resource-limited systems ready? **PA1913**
hanane ikrou (agadir, Morocco), Salma Abrar, Nada Boutbagha, Oussama Halloumi, Hind Serhane

Temporal Trends in Lung Cancer Burden in Tunisia, 2000–2023 **PA1914**
Oussema Guesmi (Tunis, Tunisia), Emna Ben Mbarek, Emna Gara, Hind Bouguerra, Mehdi Hakim Houman, Molka Osman, Houyem Khiari

Performance Of The Brock And Mayo Models In Screening-Detected And Incidental Pulmonary Nodules: A Systematic Review **PA1915**
Fazle Hoque (Clayton, Australia), Gerardo Arwi, Janith Malawaraarchchi, Huy Vu, Daniel Tan, Shaun Yo

PS-35 Session 158 12:30 - 14:00

Poster session: Metabolic pathways in pulmonary fibrosis

Disease(s) : Interstitial lung diseases Sleep and breathing disorders

Method(s) : Cell and molecular biology General respiratory patient care Physiology

Tag(s) : Basic science, Translational

Chairs : Alexandre Franco Amaral (São Paulo (SP), Brazil), Isabel Mira-Avendano (Abu Dhabi, United Arab Emirates), Claudia Ravaglia (Forlì, Italy)

Late Breaking Abstract - Neutrophil Siglec-F regulates alveolar epithelial remodeling in idiopathic pulmonary fibrosis **PA1916**
Jin Wang (Shanghai, China), Wenying Zhao, Wenjuan Bai, Wenbin He, Jing Wang

Integrated Network Pharmacology Identifies a Gut Microbiota-Metabolite-Gene Regulatory Axis in Idiopathic Pulmonary Fibrosis **PA1917**
Cheng Zhang (Beijing, China), Jing Gao, Zhou-tai Chai, Duo-fang Wang, Yuan Zhang, Hua-xiu Ma, Lan Huang, Yu-yuan Liu, Shenming Wu, Chuanxing Li, Hui Cai, Xiao-jun Wang

Genipin Alleviates Pulmonary Fibrosis by Regulating Gut Microbiota and the IL-17 Signaling Pathway **PA1918**
Lifang Zhao (shanghai, China), Handong Jiang, Peiling Wu, Weijun Cao

Spatially resolved lipidomics reveals an epithelial-mesenchymal "metabolic siphon" driving pulmonary fibrosis via sphingolipid reprogramming **PA1919**
Yang Wang (Shanghai, China), Jialin Tang, Bingxuan Hu, Shenghui Li, Xiucheng Liu, Chang Chen

Targeting SHMT2-mediated fatty acid oxidation-to-glycine metabolism shift as a potential therapeutic strategy for idiopathic pulmonary fibrosis **PA1920**
Sirui Lu (Beijing, China), Yanrui He, Zhigang Cai, Chengsheng Yi, Tao Chen, Wei Sun, Zuojun Xu

Therapeutic induction of myofibroblast cuproptosis reverses pulmonary fibrosis Youjing Yang (Chongqing, China), Shasha Tao, Yanmei Feng, Fengjie Tang	**PA1921**
The molecular mechanism of ALDH1A1 in regulating metabolic reprogramming and its impact on the alveolar epithelial cell senescence in idiopathic pulmonary fibrosis Sirui Lu (Beijing, China), Yanrui He, Zhigang Cai, Chengsheng Yi, Tao Chen, Wei Sun, Zuojun Xu	**PA1922**
CAMKK1 functions as a metabolic master regulator driving Pulmonary Fibrosis through arginine reprogramming yuhan Du (Guangzhou, China), Hangming Dong	**PA1924**
PCK2(PHOSPHOENOLPYRUVATE CARBOXYKINASE 2) promote lung fibrosis via regulation of mitochondrial ROS generation and TGF-β1 activity Sung Woo Park (Bucheon-Si, Republic of Korea), Yun Ha Nam, SEUNGHYEON KIM, So Yun Kim, Yemin Choi, Jong Uk Lee	**PA1925**
Repurposed Stiripentol Disrupts the Lactate Driven AARS1 Mediated VDAC1 Lactylation Feed Forward Loop in CIH Exacerbated Fibrosis yutong Wu (shen,yang, China), Wei Wang	**PA1926**
The Impact of Succinylation in Mitochondrial Dysfunction on Idiopathic Pulmonary Fibrosis and Potential Intervention Study YANRUI HE (Beijing, China), Sirui Lu, Zhigang Cai, Wei Sun, Zuojun Xu	**PA1927**
Alveolar epithelial cells-derived exosomal miR-455-3p aggravates pulmonary fibrosis by inhibiting the SIRT5-mediated desuccinylation YANRUI HE (Beijing, China), Chengsheng Yin, Tao Chen, Sirui Lu, Ping Wang, Zhigang Cai, Wei Sun, Zuojun Xu	**PA1928**
A common epigenetic driver: DNMT3a-mediated RUNX3 methylation promotes synchronous pulmonary fibrosis and lung cancer through EMT and glycolytic reprogramming. Huimin Yang (GuangZhou, China), Tingyue Luo, Hangming Dong	**PA1929**
The RNA Acetyltransferase NAT10 Drives Pulmonary Fibrosis via Epitranscriptomic Control of PDK4-Mediated Mitochondrial Fission: A Novel Therapeutic Target Dongyu Liu (Guangzhou, China)	**PA1930**
Buloxibutid (C21) activates the angiotensin II type 2 receptor in alveolar epithelial type II cells, increasing MMP-13 associated with fibrosis resolution in idiopathic pulmonary fibrosis Johan Raud (Stockholm, Sweden), Ahmed Mousa, Karin von Wachenfeldt, May Hassan, Christina Hesse, Katherina Sewald, Göran Tornling	**PA1931**
A specific subpopulation of HucMSC-sEVs ameliorates BLM-induced pulmonary fibrosis in mice via hsa-miR-941 Junfeng Huang (Guangzhou, China), Xinyu Wang, Shiyue Li, Jing Li	**PA1932**
Expression of Micro-RNA profiles in tissue and circulating blood samples, in patients with Early Idiopathic Pulmonary fibrosis (E_IPF). Arianna Belli (Florence, Italy), Elisabetta Rosi, Giacomo Bagni, Leonardo Gori, Marina Amendola, Michele Martinelli, Annarosa Arcangeli, Federico Lavorini, Elena Lastraioli	**PA1933**
Clinical efficacy of pharmacological treatments for idiopathic pulmonary fibrosis: a systematic literature review Aaron Carabajal-Johnson (Lawrence Township, United States), Mandeep Kaur Bhatia, Thomas-Andrew Sully Guerrier, Tyler Malloch, Liga Bennetts, Yue Zhong, Aditi Desai, Clement Acheampong	**PA1934**
Maximizing insight and efficiency: Comparison of rate of decline in FVC and change from baseline in FVC analysed using frequentist and model-based approaches in Idiopathic Pulmonary Fibrosis trials Beatriz Seoane (Barcelona, Spain), Sofia Tapani, Anel Mahmutovic, Valeria Bonapersona, Neha Anna Cherian, Ellinor Hornberg, Bernadette Gochuico, Caroline Owen, Engin Liathdale	**PA1935**

PS-36 Session 159 12:30 - 14:00

Poster session: Genetics of familial pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Palliative care Physiology Pulmonary rehabilitation Imaging Pulmonary function testing Cell and molecular biology Epidemiology Public health

Tag(s) : Clinical, Translational

Chairs : Kimberley Nettleton (Birmingham (West Midlands), United Kingdom), Hiruni Nimesha (Gampaha, Sri Lanka), Zubair Khalid (Southend, United Kingdom)

Late Breaking Abstract - FB-101, a novel CSF3-neutralizing antibody, enables functional restoration in idiopathic pulmonary fibrosis Jong Seok Kang (Seoul, Republic of Korea), Seungmo Kim, Yongjoong Kim, Eun Ji Lee, Seo-Young Kwak, Tae-Sung Kim, Gye Sun Jeon, Jin Woo Song, Eung-Suk Lee, Min-Jung Kim, Young Woo Jin, Su-Jae Lee	**PA1936**
Familial risk of Idiopathic pulmonary fibrosis: a nationwide population-based study in Sweden Hamid Akbarshahi (Lund, Sweden), Hillevi Isholt, Li Xinjun, Hillevi Larsson, Kristina Sundquist, Arne Egesten, Bengt Zöller	**PA1937**
Comparing prognostic models: ILD-GAP index versus a combined ILD-GAP and Charlson Comorbidity index in Tunisian ILD patients Maroua Abbassi (Médenine, Tunisia), Sara Trimech, Ines Moussa, Khouloud Chaabi, Asma Guirati, Leila Douik El Gharbi	**PA1938**
Study on Hereditary Influences in Pulmonary Fibrosis Trajectories: a prospective Italian multicentre cohort (SHIFT) Claudio Tirelli (Vaiano Cremasco (CR), Italy), Sofia Baroni, Beatrice Pezzola, Paolo Cameli, Giorgio Monteleone, Giacomo Sgalla, Anna Stainer, Stefano Aliberti, Elena Bargagli, Michele Mondoni, Luca Richeldi, Francesco Amati	**PA1939**
First Argentine pragmatic genomic workflow for familial pulmonary fibrosis Juan Ignacio Enghelmayer (Ciudad Autónoma Buenos Aires, Argentina), Carmen Llames Massini, Micaela Carcione, Andrea Millan, Alberto Casey, Eugenia Perticone, Sebastian Lamari, Gabriela Legarreta, Silvia Quadrelli, Maria Otaola, María Eugenia Monge, Florencia Giliberto	**PA1940**
Extreme leukocyte telomere shortening stratifies survival in familial pulmonary fibrosis Yoichi Tagami (Yokohama, Japan), Hideya Kitamura, Ryosuke Osako, Kazuo Miyazawa, Tomohisa Baba, Kaoru Ito, Yayoi Natsume, Takashi Ogura	**PA1941**
Telomere length and smoking exposure influence on disease presentation in IPF Caroline Dahlqvist (Yvoir, Belgium), Thomas Planté-Bordeneuve, Marie-Astrid Van Dievoet, Antoine Froidure	**PA1942**
What about the anticipation phenomenon in Pulmonary Fibrosis Associated with Telomere-Related Gene Mutations: A Study of Greek Probands Effrosyni D. Manali (Athens, Greece), Ibrahima Ba, Helene Morel, Raphael Borie, Demosthenes Bouros, Katerina Markopoulou, Lykourgos Kolilekas, Christina Rampiadou, Andriana I Papaioannou, Vasilios Tzilas, Paschalis Steiropoulos, Maria Kallieri, Ilias Dimeas, Georgios Margaritopoulos, Frantzeska Frantzeskaki, Evangelos Markozannes, Aggeliki Haritou, Pavlos Siozos, Vasiliki Athanasopoulou, Stefanos Lampadakis, Evangelos Bouros, Elvira-Markela Antonogiannaki, Iraklis Tsangaris, Zoe Daniil, Camille Louvrier, Nadia Nathan, Bruno Crestani, Caroline Kannengiesser, Spyros A. Papiris	**PA1943**
Bioinfomatic characterisation and variant-to-gene mapping of known idiopathic pulmonary fibrosis risk variants Louise Wain (Leicester (Leicestershire), United Kingdom), Olivia Leavy, Tamara Hernandez-Beeftink, Abril Izquierdo, Amy Stockwell, Samuel Moss, Brian Yaspan, Simon Biddie, Richard Allen	**PA1944**
Genetic variants in surfactant and telomere-related genes in idiopathic pulmonary fibrosis and hypersensitivity pneumonitis in an Indian cohort MANDEEP KAUR (CHANDIGARH, India), Amanjit Bal, Parul Gupta, Dharambir Kashyap, Ashutosh Nath Aggarwal, Sahajal Dhooria	**PA1945**
Toward a Tunisian genetic mapping of idiopathic pulmonary fibrosis Houda Snène (Tunis, Tunisia), senda derouiche, Houweyda Jilani, Sameh Belhadj, Yasmina Elaribi, Hana Blibech, Donia Belkhir, Imen Rejeb, Line Kaabi, Syrine Hizem, Jaloul Daghfous, Nadia Mehiri, Nicolas Pottier, Lamia Ben Jemaa, Bechir Louzir	**PA1946**
Telomere Shortening and TERC Variants Independently Drive Radiologic PPFE in Fibrotic Interstitial Lung Disease Yoshinori Tanino (Fukushima-City, Japan), Shu Hisata, Ryo Okuda, Tomohisa Baba, Naoki Hamada, Takuma Isshiki, Yasushi Horimasu, Yasuhiro Kondoh, Takafumi Suda, Masashi Bando, Takeshi Johkoh, Tae Iwasawa, Keisuke Tomii, Toru Arai, Yutaro Nakamura, Atsushi Miyamoto, Fumikazu Sakai, Ryoko Egashira, Kiminori Fujimoto, Hiromitsu Sumikawa, Naoki Arai, Megumi Hamaguchi, Tomoyuki Fujisawa, Takahisa Takihara, Yasuhiko Koga, Minoru Inomata, Kodai Kawamura, Satoshi Wasamoto, Chiyoko Kono, Machiko Arita, Dai Hashimoto, Tomotsugu Takano, Hiroaki Nakagawa, Hiroshi Ishimoto, Tomohiro Handa, Hidekazu Matsushima, Kazuhiro Yatera, Yasunari Miyazaki, Masato Morita, Masaki Fujita, Toshiaki Matsuda, Shinyu Izumi, Seishu Hashimoto, Hiromichi Hara, Katsuyoshi Iwabuchi, Kunihiko Kobayashi, Takashi Ogura, Takuji Suzuki, Koichi Hagiwara	**PA1947**

A novel candidate gene for idiopathic pulmonary fibrosis: TNFRSF13C **PA1948**
QIANXUN SHENG (Guangzhou, China), ZiYa Yang, YuFeng Xie, Jingxian Wang, JiaYing Luo

Combined effect of DSP rs2076295 and MUC5B rs35705950 in idiopathic pulmonary fibrosis: A Double Jeopardy **PA1949**
Laura Doumit (Beirut, Lebanon), Georges Dabar, Alain Chebly, Antoine Mouawad, Nour Gharib

Hepatic enzyme alterations in individuals with interstitial lung disease and clinical characteristics of biological telomere alteration using antifibrotics **PA1950**
Deborah Dos Reis Estrella (Belo Horizonte (MG), Brazil), Isabella Meira Marcondes, Eliane Viana Mancuzo

Preliminary genome-wide pharmacogenetic analyses for anti-fibrotic therapies in individuals with idiopathic pulmonary fibrosis **PA1951**
Richard Allen (Leicester, United Kingdom), Iain Stewart, Toby Maher, Phil Molyneaux, Carlos Flores, Nik Hirani, Justin Oldham, Imre Noth, Gisli Jenkins, Louise Wain

Burden of anxiety, depression, stress, and quality of life among patients with Interstitial Lung Disease and their association with sarcopenia: A cross-sectional analytical study **PA1952**
Aswathy Sabu (Ernakulam (Kerala), India), Prakhar Sharma, Ritwick Singhla, Kritarth Rawat, Vishal Dhiman, Rajkumar Yadav, Girish Sindhwani, Mayank Mishra, Ruchi Dua, Lokesh Saini

Changes in Respiratory Function Tests and Radiological Findings in Patients with Idiopathic Pulmonary Fibrosis (IPF) and Their Effect on Mortality **PA1953**
Gülistan Karadeniz (Izmir, Türkiye), Sevda Aras, Fatma Demirci Üçsular, Seher Susam, Dilan Yaşar Teymuroğlu

Sex differences in idiopathic pulmonary fibrosis in Sweden **PA1954**
Ida Pesonen Belo (Stockholm, Sweden), Alexandra Dans, Lisa Carlson, Dimitrios Kalafatis, Magnus Sköld

Predictors of anti-fibrotic tolerance in idiopathic and progressive pulmonary fibrosis: Real world data from a UK specialist ILD centre **PA1955**
Sonia Mannan (Stoke-On-Trent, United Kingdom), Nevin Tom, Aisha Ndeem, Ahmed Fahim

PS-37 Session 160 12:30 - 14:00

Poster session: Risk factor management in pulmonary fibrosis

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Pulmonary function testing Imaging Cell and molecular biology General respiratory patient care Epidemiology Pulmonary rehabilitation Respiratory intensive care Public health

Tag(s) : Clinical

Chairs : Jacobo Sellares Torres (Barcelona, Spain), Anna Lindahl (Helsinki, Finland), Aurélien Justet (Caen, France)

Late Breaking Abstract - Interstitial lung disease (ILD) burden and mortality in a large cohort of 2,489 anti-MDA5 antibody-positive adults in the United States **PA1956**
Londyn Robinson (Seattle, United States), Namrata Singh, Raghavendra Raghu, Ganesh Raghu

Early identification of interstitial lung disease risk while measuring ADC efficacy in a human systemic in vitro platform **PA1957**
Guy Barbin (Genève, Switzerland)

Identifying modifiable factors and their joint effect on risk of intersitial lung disease: a prospective exposure-wide association study **PA1958**
Junfeng Huang (Guangzhou, China), Jacky Qi Yang Li, Zikai Lin, Shiyue Li

The study of gene variants of interferon induced with helicase C domain 1 in Japanese patients with dermatomyositis-associated rapidly progressive interstitial lung disease using whole-exome and Sanger sequencing **PA1959**
Masaki Okamoto (Fukuoka, Japan), Akira Yoshida, Yoshiaki Zaizen, Motoko Ishida, Toshimasa Shimizu, Noriho Sakamoto, Hironao Hozumi, Yasuhiko Yamano, Takahisa Gono, Norikazu Matsuo, Shinjiro Kaieda, Masataka Kuwana, Tomoya Miyamura, Atsushi Kawakami, Hiroshi Mukae, Takafumi Suda, Yasuhiro Kondoh, Ken Yamamoto, Tomoaki Hoshino

Longitudinal quantitative CT change outperforms baseline imaging burden for mortality prediction in idiopathic pulmonary fibrosis **PA1960**
Simon Walsh (Cambridge, United Kingdom), Muhunthan Thillai, Miguel Monteiro, Cameron Wilson, Rebecca Keegan, Amy Craster, Elliott Bussell, Phil Molyneaux

Ancillary HRCT Features as Predictors of Progressive Pulmonary Fibrosis in Systemic Sclerosis–Associated Interstitial Lung Disease Serena Bellani (Padova, Italy), Andrea Benini, Beatrice Moccaldi, Elisabetta Cocconcelli, Valentina Giliberti, Nicole Zizzari, Marco Binda, Anna Cuberli, Francesco Carta, Roberta Ramonda, Paolo Spagnolo, Chiara Giraudo, Elisabetta Zanatta, Elisabetta Balestro	**PA1961**
Experience of the R421 genetic testing panel from a UK specialist ILD centre Hamza Khalique (Bristol, United Kingdom), Alice Parker, Sarah Mulholland, Matthew Wells, Giles Dixon, Joanna Hardy, Huzaifa Adamali, Shaney L Barratt	**PA1962**
Clinical Characteristics and Prognostic Risk Factors in Patients with Progressive Pulmonary Fibrosis Deniz Kizilirmak (Manisa, Türkiye), İrem Çangar, Yavuz Havlucu	**PA1963**
TERT Variants in Familial Interstitial Lung Disease: insights from a Swiss Cohort of Patients and Relatives Nazanin Nazemi (Bern, Switzerland), Claudia Carducci, Joanne van der Vis, Coline van Moorsel, Raphael Borie, Jean-Marc Fellrath, Manuela Funke-Chambour	**PA1964**
Interstitial lung disease in Indigenous Australians Alison O'Connor (Alawa, Australia), Angus Loyd, Timothy Howarth, Subash Heraganahally	**PA1965**
Occupational exposure types and lung function in interstitial lung disease: a cross-sectional study Zehra Nur Toreyin (Izmir, Türkiye), Dilan Devrim, Akin Cinkooglu, Nesrin Mogulkoc-Bishop	**PA1966**
Autoantibody Positivity in Patients with Hypersensitivity Pneumonitis: A Subgroup Analysis of the TURK-HP Study Cohort Gökhan Altan (Istanbul, Türkiye), Elif Yelda Özgün Niksarlıoğlu, Ramazan Eren, Atilla Uysal, Züleyha Bingöl, Derya Kocakaya, Erdoğan Çetinkaya, Oğuz Uzun, Aykut Çilli, Kemal Can Tertemiz, Özlem Erçen Diken, Nesrin Öcal, Fatih Uzer, Funda Coşkun, Barış Demirkol, Ömer Özbudak, Fatma Arslan, Şule Akbulut, Gülru Polat, İlknur Başyiğit, Serap Argun Barış, Gülşah Günlüoğlu, Ismail Hanta, Pelin Pınar Deniz, Özlem Özdemir Kumbasar, Fulsen Bozkuş, Gamze Kırkıl, Ayşe Havan, Derya Doğan, Sevda Şener Cömert, Ipek Candemir, Esra Arslan Aksu, Sibel Naycı, Şule Gül, Şehnaz Olgun Yıldızeli, Aycan Yüksel, Birsen Pınar Yıldız, Elif Yıldırım, Olcay Ayçiçek, Pınar Yıldız Gülhan, Burcu Baran, Büşra Adıgüzel Gündoğdu, Emine Serap Yılmaz, Merve Sarı Akyüz, Talat Kılıç, Celalettin Korkmaz, Dildar Duman, T TURK-HP Study Group, Eylem Sercan Özgür, Gülfer Okumuş	**PA1967**
Forced Oscillometry Testing may detect subclinical Hypersensitivity Pneumonitis in Pigeon Fanciers William Henderson (Glasgow, United Kingdom), Richard Allen, Olivia Leavy, Stephen Bourke, Jude Wellens-Mensah, Cecillia Rafique, Sarah Thislie, Lee Parker, Angus Sinclair, Charles McSharry, Bibek Gooptu, Louise Wain, Mark Spears	**PA1968**
Determinants of Progression to Progressive Pulmonary Fibrosis in Fibrotic Interstitial Lung Disease – A Proof of Concept Study from Northern Malaysia Sharimini Mani (Alor Setar, Malaysia), Arvindran Alaga	**PA1969**
Prognostic value of ERS/EULAR guideline-based risk factors in connective tissue disease–associated interstitial lung disease (CTD-ILD) Phuong Phuong Diep (Oslo, Norway), Emily Langballe, Magdalena Maria Aabel, Natasha Moe, Henrik Mangseth, Mona Lovise Talaro Ramsli, Øyvind Midtvedt, Marthe Mæhlen, Hilde Jenssen Bjørkekjær, Håvard Fretheim, Helena Andersson, Trond Mogens Aaløkken, Øyvind Molberg, Are Martin Holm, Michael Thomas Durheim, Anna-Maria Hoffmann-Vold	**PA1970**
Pulmonary hypertension in connective tissue disease–associated interstitial lung disease: prevalence, severity and clinical correlation in a tertiary care hospital in Navi Mumbai, India Jayalakshmi T.Kutty (Mumbai (Maharashtra), India), Vibhasree Azhoth Veettil, Bhumika Madhav, Arjun Ramaswamy, Harris S	**PA1971**
IMPACT OF INFLAMMATORY ACTIVITY ON THE DEVELOPMENT OF PULMONARY FIBROSIS (PF) AND SEVERITY (S) OF SYSTEMIC SCLEROSIS (SSC) Valeriia Dmytrychenko (Dnipro, Ukraine), Viktoriia Rodionova, Oxana Karasova	**PA1972**
RAID study (Rheumatoid Arthritis associated – Interstitial lung disease Definition study): two-year preliminary results Anna Denis (Liège, Belgium), Monique Henket, Anne-Noëlle Frix, Fanny Gester, Olivier Malaise, Clio Ribbens, Julien Guiot	**PA1973**
Longitudinal assessment of the Living with Pulmonary Fibrosis (L-PF) questionnaire and functional progression in patients with interstitial lung disease under treatment. Elisabetta Cocconcelli (Padova (PD), Italy), Laura Natoli, Marta Belotti, Beatrice Pierobon, Serena Bellani, Gioele Castelli, Nicol Bernardinello, Paolo Spagnolo, Elisabetta Balestro	**PA1974**

Pulmonary Nodules in Fibrotic ILDs: Prevalence, Outcomes, and Predictors of Malignancy **PA1975**
Tommaso Pianigiani (Siena, Italy), Paolo Cameli, Francesco Dioguardi, Guillaume Starnini, Akter Dilroba, Picchi Benedetta, Elisa Salvadori, Clarissa Milli, Sara Postiferi, Laura Bergantini, Elena Bargagli

PS-38 Session 161 12:30 - 14:00

Poster session: Integrating biomarkers with clinical outcomes in sarcoidosis

Disease(s) : Interstitial lung diseases | Sleep and breathing disorders | Airway diseases

Method(s) : Epidemiology | General respiratory patient care | Endoscopy and interventional pulmonology | Imaging | Pulmonary function testing | Cell and molecular biology

Tag(s) : Basic science, Translational

Chairs : Irina Ruxandra Strambu (Bucuresti (Sector 5), Romania), Gioele Castelli (Padova, Italy), Jelle Rindert Miedema (Rotterdam, Netherlands)

Listening beyond the lungs: upper airway collapse phenotypes and unmet sleep-related needs in sarcoidosis patients with obstructive sleep apnoea **PA1976**
Xi Chen (Tianjin, China), Dan Liu, Jing Zhang

Association between serum KL-6 levels and PET-defined metabolic activity in patients with sarcoidosis: a longitudinal cohort study **PA1977**
Lorena Gallotti (Naples, Italy), Domenico Cristiano, Francesco Perna, Antonella Pezone, Giuseppe Simonetti, Anna Agnese Stanziola

Diagnostic Value of FDG PET/CT SUVmax in Differentiating Sarcoidosis from Malignancy in EBUS-TBNA–Confirmed Granulomatous Intrathoracic Lymph Nodes **PA1978**
Özlem Erçen Diken (Adana, Türkiye), Niğmet Özova, Ömür Güngör

LUNG VENTILATION FUNCTION IMPAIRMENT AS AN ADDITIONAL CRITERION FOR ASSESSING THE SEVERITY OF SYSTEMIC SCLEROSIS (SSC) **PA1979**
Valeriia Dmytrychenko (Dnipro, Ukraine), Viktoriia Rodionova, Oxana Karasova

To correlate the airway resistance by body plethysmography and impulse oscillometry in patients with sarcoidosis. **PA1980**
Anjana Talwar (New Delhi, India), Arshiya Khan, Shazia Haque Arshad, Geetanjali Bade, Vivek Pal, Saurabh Mittal, Karan Madan

Is peripheral blood lymphopenia in sarcoidosis associated with the disease activity? – a retrospective analysis of the BTS Sarcoidosis registry **PA1981**
Karol Bączek (Łódź, Poland), Andrew Achaiah, Nazia Chaudhuri

Association Between the Cally Score and Disease Progression in Sarcoidosis **PA1982**
Sevim Nur Erkayıran (Adana, Türkiye), Ozlem Erçen Diken, İrem Salıcı, Ömur Güngör

Sarcoidosis relapse risk factors: a single-centre retrospective cluster analysis. **PA1983**
Mariachiara Crescenzi (Pavia, Italy), Francesco Bertuccio, Davide Piloni, Marianna Russo, Fady Tousa, Paola Putignano, Angelo Guido Corsico, Giulia Maria Stella

Characterising airflow obstruction and evaluating asthma (mis)diagnosis in patients with sarcoidosis **PA1984**
Shweta Agrawal (London, United Kingdom), Samiksha Choudhury, Sineaha Baskaran, Syed Tasin Bin Shahid, Sara Bahraminavid, Hassan Hussain, James Gibbons, Varthini Karvannan, Peter Cho, Joanne Kavanagh, Amit Patel, Surinder Birring, Katherine Myall

Gender-related functional phenotypes in sarcoidosis: association with radiographic pictures and predictive value for fibrotic progression **PA1985**
Diana Iannello (Rome, Italy), Matteo Morviducci, Roberto Romiti, Ilaria Domenica Piscopo, Maria Laura Graziani, Matteo Bonini, Paolo Palange

Peripheral Lymphopenia and Lymphoreticular Involvement in Sarcoidosis: A Cross-Sectional Study **PA1986**
Tommaso Pianigiani (Siena, Italy), Giulio Natalello, Akter Dilroba, Martina Meocci, Matteo Peruzzi, Sofia Marrucci, Laura Bergantini, Paolo Cameli, Elena Bargagli

Effect of the presence of obstructive sleep apnea on airway resistance in patients with treatment-naïve pulmonary sarcoidosis **PA1987**
Soumya Swaroop Dash (New Delhi, India), Saurabh Mittal, Karan Madan, Anant Mohan, Vijay Hadda, Dinu Santha Chandran, Tejas Suri, Pawan Tiwari, Irfan Shekh, Hem Chandra Sati

Comparison of ATS/ERS/JRS/ALAT Criteria Versus INBUILD Study Criteria in Pulmonary Sarcoidosis — **PA1988**
Sara Salvador Fernàndez (Barcelona, Spain), David Espejo Castellanos, Maria Florencia Pilia, Christian Eduardo Romero Mesones, Íñigo Ojanguren Arranz, Ana Villar

Correlation of Triglyceride Glucose Index and Patient Reported Outcomes in Pulmonary Sarcoidosis — **PA1989**
Mayuri Raje (Belfast, United Kingdom), Rebekah Gilpin, Paul Minnis

Hematology inflammatory indices for sarcoidosis discrimination: a pilot study — **PA1990**
Viktoria Bedei (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Maryana Konyuska, Tereza Pogoreltseva, Anastasia Mateiko, Tetiana Voronych, Uliana Shevchuk-Budz, Taras Kotyk

Can pulmonary function patterns predict clinical prognosis in sarcoidosis patients? — **PA1991**
Dildar Duman (Istanbul, Türkiye), Selma Aydoğan Eroğlu, Murat Kavas, Asena Durandurdu, Özge Sönmez, Fatima Yıldız, Aysem Oztin Guven, Fatma Demirci Ucsular, Nurgul Bozkurt, Gamze Kirkil, Onsel Oner, Meltem Yilmaz, Ozlem Ercen Dıken, Omur Gungor, Sibel Kara, Fatma Kutluhan, Gulistan Karadeniz, Utku Tapan, Talat Kılıc

Pulmonary sarcoidosis with ground glass opacities: a case-control study — **PA1992**
Nabil Nesser (Bobigny, France), Florence Jeny, Pierre-Yves Brillet, Ioana Hutuca, Marouane Boubaya, Dominique Valeyre, Diane Bouvry, Paolo Spagnolo, Thomas Gille, Hilario Nunes, Raphaël Hindré

Small airway dysfunction and patient-reported outcome measures in sarcoidosis: A prospective observational study of PFT, IOS and N2-MBW in correlation with their PROMs — **PA1993**
Julia Nowack (Freiburg, Germany), Jaime Alvarado, Andreas Hoheisel, Theresa Groß, Hanna Schraermeyer, Julia Bringewatt, Paula Kuss, Martin Eichenlaub, Louis Jouanjan, Sebastian Fähndrich, Daiana Stolz, Björn Frye

Baseline FVC % Predicted is a Stronger Predictor of Mortality Than Rate of FVC Decline in Interstitial Lung Disease — **PA1994**
Shuhan Li (London, United Kingdom), Nimrah Mirza, Selena Yang, Jack Callum

PS-39 Session 162 12:30 - 14:00

Poster session: Pulmonary hypertension: pathogenesis, diagnosis, classification, epidemiology and treatment

Disease(s) : Pulmonary vascular diseases Interstitial lung diseases

Method(s) : Public health General respiratory patient care Epidemiology Cell and molecular biology Physiology Imaging Surgery Transplantation

Tag(s) : Clinical, Translational , Global reach

Chairs : Silvia Ulrich (Zurich, Switzerland), Marta Sole Delgado (Valencia, Spain), Harm Jan Bogaard (Amsterdam, Netherlands)

Late Breaking Abstract - Pulmonary Arterial Hypertension in patients exposed to methylphenidate — **PA1995**
Julien Grynblat (Paris, France), Clément Jambon-Barbara, Marie-Camille Chaumais, Marilyne Levy, Maria-Rosa Ghigna, Xavier Jais, Athenais Boucly, Laurent Savale, Olivier Sitbon, Elise Artaud-Macari, Marc Humbert, Damien Bonnet, Charles Khouri, David Montani

Pulmonary hypertension specialist nurse role for patients approaching end of life — **PA1996**
Samantha Ali (Cambridge, United Kingdom), Laurence d'Amours, Nicola Speed, John Cannon, Joanna Pepke-Zaba, Karen Sheares, Dolores Taboada Buasso, Mark Toshner, Katherine Bunclark

DARWIN EU® - Epidemiology and Treatment Patterns of Paediatric Pulmonary Arterial Hypertension in Europe — **PA1997**
Katia Mc Verhamme (Rotterdam, Netherlands), Nicholas Hunt, Ioanna Nika, Andrei Barbulsecu, Elvira Bräuner, Susanne Bruun, Romain Griffier, Alexander Harms, Saeed Hayati, Josephine Jacob, Huiqi Li, Ignacio Malagon, Raeleesha Norris, Hedvig Nordeng, Fredrik Nyberg, Alexandra Pacurariu, Laura Salonen, Covadonga Terol Espinosa de los Monteros, Nhung Trinh, Guillaume Verdy, Annika Vivirito

Primary graft dysfunction following lung transplantation in different hemodynamic phenotypes of interstitial lung disease patients: a multicenter study — **PA1998**
Giordano Fiorentu' (Padova, Italy), Elisabetta Cocconcelli, Nicol Bernardinello, Giulia Bartolucci, Chiara Giraudo, Sara Cecchinato, Martina Visonà, Alexandra Vilaia, Giuseppe Maggioni, Fiorella Calabrese, Eleonora Faccioli, Andrea Dell'Amore, Paula Barquero, Manuel Lopez Meseguer, Lucilla Piccari, Paolo Spagnolo, Elisabetta Balestro

Pulmonary Hypertension and Pneumonectomy — **PA2000**
Benoit Aguado (Le Kremlin Bicètre, France), Thomas Lacoste-Palasset, Athenais Boucly, Xavier Jais, Marianne Riou, Arnaud Maurac, Delphine Horeau-Langlard, Laurent Savale, Yochai Adir, Olivier Sitbon, Marc Humbert, David Montani

Patient voice in pulmonary hypertension: information needs, patient-reported outcomes and clinical outcomes – Preliminary results from the inPHorma study Ilma Nascimento (São Paulo (SP), Brazil), Nathalia Rossetto, Gabriella Carvalo, Isabela Cauzzo, Rodrigo Scabello, Felipe Marques, Natália Iadocicco, Felipe Sanches, Maria Júlia Lira, William Salibe-Filho, José Leonidas Alves-Jr, Carlos Jardim, Rogério Souza, Caio Fernandes	**PA2001**
Fractured Pathways: A Systems-Based Analysis of Continuity of Care for Pulmonary Hypertension in Latin America. The CCI for PH Index. Mauricio Orozco-Levi (Floridablanca, Colombia), Angie Naranjo, Alba Ramirez Sarmiento, Jorge Caneva, Tomás Pulido, Santiago Guzman Cordova, Rafael Conde, Alejandro Londoño, Philip Morisky, Pura María Henriquez Pérez, Milci Contreras, Laurina Zorrilla, Migdalia Denis, Dinha Grajales, Guillermo Montes, Arturo Gómez, Ricardo Gómez Tejada, Vinicio Pérez	**PA2002**
Medication adherence to oral therapy in pulmonary arterial hypertension: baseline data from a Brazilian real-world cohort (OPENLINE Study) Ilma Nascimento (São Paulo (SP), Brazil), Daniel Waetge, Virginia Pacheco, Daniela Tannus-Silva, Adriano Mendes, Nathali Mireirese, Veronica Amado, Felipe Melo, Nathalia Rossetto, Gabriella Carvalho, Isabela Cauzzo, Rodrigo Scabello, Carla Cruz, William Salibe-Filho, José Leonidas Alves-Jr, Carlos Jardim, Mario Terra-Filho, Rogerio Souza, Caio Fernandes	**PA2003**
Global Trends in Pulmonary arterial hypertension and its related heart failure: A Looming Threat for Women of Reproductive and Postmenopausal Age Xincheng Li (shenzhen, China), Ke Chen, Jing Ma, Zhenguo Zhai, Deming Gou	**PA2004**
Gene expression biomarkers of pulmonary vascular disease imaging traits in smokers Vasile Foris (Graz, Austria), Raul San Jose Estepar, Farbod N. Rahaghi, Jose S. Carbera, Chad R. Wade, James Michael Wells, Jeong H. Yun, Aabida Saferali, Craig P. Hersh, Edwin K. Silverman, Michael H. Cho, Peter J. Castaldi, Adel Boueiz	**PA2005**
Predicting Pulmonary Hypertension in patients with increased main Pulmonary Artery Diameter (mPAD) on Chest Computed Tomography. Rida Shahbaz (Dublin, Ireland), Faiza Shahbaz, Sohail Zaheer, Ahmad Sheikh	**PA2006**
Serum metabolomics identified the dysregulated pathways and potential metabolic biomarkers for interstitial lung disease-related pulmonary hypertension Qian Jin (Asian, China), Yin Liu, Wenwen Jin, Yuguang Wang	**PA2007**
Epicardial Adipose Tissue-derived Extracellular Vesicules drive Right Venrtricular dysfunction in Pulmonary Arterial Hypertension Manon Mougin (Quebec Qc, Canada), Sarah-Eve Lemay, Antonella Sleimen, Magalie Boucher, Reem El-kabbout, Sandra Breuils-Bonnet, Melanie Sauvaget, Sandra Martineau, Soni Pullamsetti, Olivier Boucherat, Steeve Provencher, Sebastien Bonnet, Francois Potus	**PA2008**
Serum metabolomic profiling reveals a systemic metabolic shift in Interstitial Lung Disease–associated Pulmonary Hypertension David LAVILLE (BRON, France), Baptiste Panthu, Ségolène Turquier, Rémi Diesler, Julie Traclet, Kais Ahmad, François Lestelle, David Montani, Marc Humbert, Vincent Cottin, Frédéric Perros	**PA2009**
Role of efferocytosis in the pathogenesis of pulmonary fibrosis-pulmonary hypertension in rats Qian Jin (Asian, China), Yin Liu, Tingyu Zhang, Qian Chen, Yuguang Wang	**PA2010**
Maternal and perinatal obesity disrupts neuro-cardiac interface with lasting cardiac and pulmonary remodeling Caroline Zeitouny (Köln, Germany), Jaco Selle, Lina Chanchiri, Celien Kuiper-Makris, Christina Vohlen, Dharmesh Hirani, Jörg Dötsch, Julian Koenig, Julian Wagner, Miguel A. Alejandre-Alcazar	**PA2011**
Effect of community size and commute time on severity of illness at diagnosis and treatment success at follow-up in a national centralized care model of pulmonary arterial hypertension: A multicentre study Renee Reimer (Toronto, Canada), John Swiston, Nathan Hambly, Carter McInnis, Freda Tom, Mitesh Thakrar, Naushad Hirani, Doug Helmerson, Jason Weatherald, Monica Norena, Nathan Brunner	**PA2012**
Pulmonary Arterial Compliance: A Key Parameter in the Prognosis of Pulmonary Arterial Hypertension Albert Riudor Guri (Barcelona, Spain), Ricardo José Aguilar Colindres, Clara Martín Ontiyuelo, Carlos Rodríguez Padilla, Ana María Ramirez, Montse Raventós Catasús, Joan Albert Barberà Mir, Isabel Blanco Vich	**PA2013**
Do patients with pulmonary arterial hypertension recruit diffusing capacity appropriately with exercise? Kostiantyn Dmytriiev (Edmonton, Canada), Andrew Brotto, Andrew D'Souza, Desi Fuhr, Rhea Varughese, Sean van Diepen, Jason Weatherald, Michael Stickland	**PA2014**

PS-4 Session 163 12:30 - 14:00

Poster session: New findings in physiology

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : Pulmonary function testing | Physiology | Public health | Pulmonary rehabilitation | Transplantation | General respiratory patient care | Imaging | Epidemiology

Tag(s) : Basic science, Translational

Chairs : Andrea Aliverti (Milan, Italy), Zander J. Williams (London, United Kingdom), Carolyn Rochester (New Haven, United States)

Late Breaking Abstract - Diagnositc accuracy of oscillometry versus spirometry in obstructive airway disease: an international expert panel study within the SCOOP study Janwillem W. H. Kocks (Groningen, Netherlands), Jill Stuifzand, Evelien Harms, Nilouq Stoker, Robab Breyer-Kohansal, Rory Chan, Ronald Dandurand, Johannes in t Veen, Yvette Jansen, Christine Jenkins, Monica Kraft, Marika T Leving, Jiska Meijer, Elena Nudo, Eleanor Quek, Luca Di Palma, Alberto Papi, Sundeep Salvi, Salman Siddiqui, Sami Simons, Daiana Stolz, Naoya Tanabe, Frederik Trinkmann, Maarten van den Berge, Thys van der Molen, Iris van Geer-Postmus	**PA2015**
Determinants of accelerated FEV1 decline in adults undergoing health screening using time-adjusted longitudinal modelling. Riddhi Majmudar (Mumbai, India), Shital Kabra, Shashank Shastry, Lancelot Pinto	**PA2016**
Respiratory muscle strength, lung function and trunk control in patients after acute stroke Paschalis Steiropoulos (Alexandroupolis, Greece), Fotios Drakopanagiotakis, Konstantinos Bonelis, Stavros Anevlavis, Konstantinos Vadikolias	**PA2017**
Muscle Oxygenation Responses During the 6-Minute Walk Test in GOLD A and B COPD Gülhan Yilmaz Gökmen (Balıkesir/Bandırma, Türkiye), Canan Demir, Dilber Durmaz	**PA2018**
Respiratory mechanical responses to sustained hypergravity during flight Gabriele Paroli (Milano, Italy), Chiara Veneroni, Davide Bizzotto, Marco Ranzoni, Alex Carlson, Bruce Johnson, Raffaele Dellacà	**PA2019**
Risk Factors for Pneumothorax Following Percutaneous Computed Tomography–Guided Transthoracic Lung Biopsy and Development of a Predictive Model Xiaobo Jiang (Chongqing, China)	**PA2020**
Phase angle–based comparison of pulmonary function and body composition in COPD: implications for patient-centered assessment Lotfi Rahal (Bechar, Algeria), Ahmed Ghouini, Yacine Kheloui, Meriem Ouled Kouider, Sofiane Alihalassa, Amina Belilita, Abdellah Dahman	**PA2021**
Respiratory and polysomnographic factors associated with hypoventilation in myotonic dystrophy (DM1) patients with a 5-year follow up Mathieu GUILBERT (Harnes, France), Yves Dauvilliers, Fares Gouzi, Dorian Hassoun, Pascaline Priou, Lise Lanvin, Wojciech Trzepizur, Maurice Hayot, Jean Baptiste Davion, Celine Tard, Thierry Perez	**PA2022**
Feasibility of performing the 6-minute stepper test with remote supervision in adults with chronic respiratory disease: a multicentre validation study. Sarah Gephine (Pérenchies, France), Alec Bass, Marianne Belley, Manon Robic, Didier Saey, Jean-Marie Grosbois, François Maltais	**PA2023**
Clinical, functional and psychosocial characteristics of COPD etiotypes based on the GOLD 2023 taxonomy Ozlem Sengoren Dikis (Mugla, Türkiye), Fatih Alaşan, Irem Altan, Fulden Cantas Turkis	**PA2024**
PRISm as a predicting factor of restrictive ventilatory impairment: insight from a tertiary hospital in Lisbon Pedro Miguel Catarino Varandas (Lisboa, Portugal), Ana Sara Gonçalves, Maria João Lúcio, Raquel Barros, Ana Sofia Oliveira, Paula Pinto	**PA2025**
Preserved Ratio Impaired Spirometry, Restrictive Spirometric Pattern and poor outcome in general population: Findings from a 18-year follow-up in UK Biobank cohort Lifei Lu (Guangzhou, China), Jiacheng Ding, Kefan Wu, Yubiao Chen, Heshen Tian, Xiangqing Hou, Huajing Yang, Yiyin Gao, Yuqiong Yang, Zhenyu Liang	**PA2026**
Airflow obstruction in lung transplant recipients with baseline lung allograft dysfunction Anne Fu (Toronto, Canada), Raissa Shrestha, Tadahisa Numakura, Joyce Wu, Chung-Wai Chow	**PA2027**

Investigation of twitch surface mechanomyography as a non-invasive, non-volitional index of diaphragm strength **PA2028**
Caroline Jolley (London, United Kingdom), Xinyue Ma, Nike N Costa, Marian Renata Gonzalez Toscano, Ernest N Kamavuako, Gerrard F Rafferty

The influence of skin color on lung function in adults in Brazil **PA2029**
Carlos Alberto De Castro Pereira (São Paulo (SP), Brazil), Maria Raquel Soares, Thalita Amaral, Amanda Portela, Danilo Berton, Diogo Oliveira, Renato Matos, Rodrigo Russo, Pedro Springer, Kenia Schultz, Aquila Carneiro, Maria de Fatima Alecio, Miria Silva, Flavio Arbex, David Goncalves, Clarice Guimaraes, Elizabeth Rosa e Silva, Fernanda Aguiar, Nina Visconti, Leonardo Meira, Tarciane Prata, Luan dos Santos, Eliane Mancuzo

Ventilatory impairment and disease severity classification in Mexican-Hispanic individuals using population-specific vs. race neutral reference equations **PA2030**
Michele R. Schaeffer (Vancouver, Canada), Arturo Cortes-Telles, Esperanza Figueroa-Hurtado, Diana L. Ortíz-Farias, Saúl Vázquez-Lopez, Jordan A. Guenette

Differences between race-specific and race-neutral reference equations in a Swedish asthmatic population **PA2031**
Susanna Klevebro (Stockholm, Sweden), Maria Ödling, Malin Chowdhury, Helena Backman, Lowie Vanfleteren, Caroline Stridsman, Erik Melén, Jon R. Konradsen

Race-Neutral versus Race-Specific Lung Function Reference Equations: A Large Dataset Analysis from the Global South **PA2032**
Taymmia Ejaz (Karachi, Pakistan), Muhammad Irfan, Javaid Ahmed Khan, Talha Shahzad

Comparison of ventilatory mechanics and health-related physical fitness components between hemodialysis patients and healthy sedentary individuals **PA2033**
Heloise Benvenutti (Porto Alegre, Brazil), Eduardo Guerra, César Filho, Francini Andrade, Paula Rovedder

Stability of estimated nitric oxide (NO) production depth in the conducting airways following administration of bronchodilators in asthma **PA2034**
Haopeng Xu (Oxford, United Kingdom), Lorenzo Petralia, Asma Alamoudi, Dominic Sandhu, Graham Richmond, Grant Ritchie, Ian Pavord, Peter Robbins, Nayia Petousi

PS-40 Session 164 12:30 - 14:00

Poster session: Peripheral pulmonary lesions: diagnostic bronchoscopy

Disease(s) : Thoracic oncology Airway diseases Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology Imaging

Tag(s) : Clinical

Chairs : Lina Zuccatosta (Naples, Italy), Marjolein A. Heuvelmans (Amsterdam, Netherlands), Hind Janah (Casablanca, Morocco)

Late Breaking Abstract - Lung cancer stage distribution in the era of robotic-assisted bronchoscopy with integrated cone-beam computed tomography **PA2035**
Vanessa Farayibi (Zurich, Switzerland), Reto Engeli, Patrick Baumgartner, Martina Haberecker, Chantal Pauli, Gian-Marco Monsch, Didier Schneiter, Eleni-Theano Samara, Isabelle Opitz, Christian Clarenbach, Malcolm Kohler, Silvia Ulrich, Juergen Hetzel, Carolin Steinack, Thomas Gaisl

TRANSBRONCHIAL LUNG CRYOBIOPSY FOR THE DIAGNOSIS OF IMMUNE CHECKPOINT INHIBITOR-RELATED LUNG INJURY **PA2036**
Pietro Curci (Monza, Italy), Simone Petrarulo, Arianna Johanna De Grauw, Sabrina Martinello, Stefano Oldani, Fabio Sultani, Alessandra Dubini, Sara Piciucchi, Fabrizio Luppi, Claudia Ravaglia, Venerino Poletti

Navigating beyond limits: clinical utility of a new thin endobronchial ultrasound (EBUS) scope in reaching distal subsegmental neoplastic lesions. A two-case experience **PA2037**
Letizia Valsecchi (Torino, Italy), Luca Riberi, Aleksandar Veljkovic, Massimo Comune

Association between bronchial generation difference and radial endobronchial ultrasound findings in transbronchial biopsy for peripheral pulmonary lesions **PA2038**
Hideaki Furuse (Tokyo, Japan), Yuji Matsumoto, Kenya Sato, Takaaki Tsuchida

Exploring the diagnostic accuracy and safety of a new biopsy needle for endoscopic ultrasound of suspected lung cancer: a randomized controlled trial **PA2039**
Uffe Bodtger (Naestved, Denmark), Mohammad Ahmad Issa, Anja Elaine Sorensen, Christian Borbjerg Laursen, Peter Vilmann, Laurence Crombag, Ida Skovgaard Christiansen, Gitte Andersen, Louise Clausen, Gitte Alstrup, Casper Jensen, Oke Gerke, Paul Frost Clementsen

ARCHIMEDES Navigation System combined with a radial EBUS in peripheral lung lesions – a preliminary Polish results Maciej Brudnoch (Bydgoszcz, Poland), Agnieszka Stachowicz-Karpińska, Maciej Gnass, Piotr Gniady, Łukasz Korenkiewicz, Wojciech Jóźwicki, Artur Bartczak, Artur Szlubowski	**PA2040**
CT-guided needle biopsies of ultra small pulmonary lesions (< 10 mm) in fully anesthetized patients during respiratory arrest Adrian Gillissen (Stuttgart, Germany), Benjamin Ubl, Martin Hetzel, Tobias Trabold	**PA2041**
Radial ebus-guided tranbronchial lung cryobiopsy (REBUS -TBLC) using a 1.1 mm cryoprobe in diffuse interstitial lung diseases (ILDs): a feasibility study Nektarios Anagnostopoulos (Athens, Greece), Evangelia Koukaki, Stavroula Zaneli, Emmanouil Verykakis, Kyriaki Cholidou, Marietta Anagnostopoulou, Agamemnon Bakakos, Eyterpi Ferdianaki, Theodoros Karampitsakos, Grigorios Stratakos	**PA2042**
Onsite assessment of bronchoscopic samples with confocal laser microscopy: Is there a clinical benefit? Reto Engeli (Zürich, Switzerland), Martina Haberecker, Marco Bühler, Igor Letovanec, Miriam Nowack, Malcolm Kohler, Silvia Ulrich, Juergen Hetzel, Carolin Steinack, Thomas Gaisl	**PA2043**
Study of peripheral pulmonary lesions using a new-generation sectorial EBUS bronchoscope Helio Bona-Andrade (Barcelona, Spain), Ana Pardessus-Otero, Antonio Caguana-Velez, Ramon Camps-Ubach, Grethsel Villarroel-Carranza, Paul Llamoja-Nunez, Carlos Vallejo-Lucas, Enric Berto-Lopez, Maria Pujol-Cortada, Albert Sanchez-Font, Roberto Chalela-Rengifo	**PA2044**
Needle based confocal laser endomicroscopy (nCLE) versus conebeam CT for tool-in-lesion confirmation in navigation bronchoscopy Saskia van Heumen (Amsterdam, Netherlands), Onno Mets, Daniel de Bruin, Peter Bonta, Johannes Daniels, Marjolein Heuvelmans, Jouke Annema	**PA2045**
Comparison of Flexible Bronchoscope Route between Oral and Nasal Insertion on Cough Count: A Prospective Randomized Controlled Trial Napat Jirawat (Bangkok, Thailand), Thamonwan Norasethasopon	**PA2046**
Real-world performance of sampling methods for next-generation sequencing in lung cancer Kirsi Hormalainen (Tampere, Finland), Toomas Uibu, Kaisa Marttila, Jarkko Ahvonen, Jari Laatta, Maarit Bärlund, Arja Jukkola	**PA2047**
Fluoroscopy Time and Radiation Dose During Transbronchial Lung Biopsy: A Real-World Retrospective Study RIKAKO EBISUDA (Kanagawa, Japan), Kei Morikawa, Hajime Tsuruoka, Takahiro Kida, Hiroshi Handa, Masamichi Mineshita	**PA2048**
Broken Scopes, Delayed Care: A 3-year review of bronchoscope damage events Andreia F. Nunes (Guarda, Portugal), Marcos Oliveira	**PA2049**
Comparison Diagnostic Yields of 1.1mm Cryobiopsy with R-EBUS And R-EBUS Forceps Biopsy in Interstitial Lung Diseases Sirarat Phuntawee (Bangkok, Thailand), Anan Wattanathum, Dujrath Somboonviboon	**PA2050**
Diagnostic yield of ultrathin bronchoscopy with continuous endobronchial insufflation technique: A case series of 85 patients Yasuyuki Mizumori (Himeji, Japan), Kazushi Kikkawa, Masahiro Takada, Toshihiro Hinokuma, Kenji Nagata, Nobuya Hirata, Ryota Hiraoka, Yoshitaka Yamanouchi, Ryota Kominami, Sachiko Higashino, Tomohiro Kato, Ryogo Kagami, Yoko Yokoi, Hiroaki Tsukamoto, Shin Sasaki, Yasuharu Nakahara, Tetsuji Kawamura	**PA2051**
Impact of early flexible bronchoscopy after esophagectomy for esophageal cancer Marta Franco Guaita (Sant Boi De Llobregat, Spain), Marta Plana-Pes, Marta Díez-Ferrer, Pere Trias-Sabrià, Domingo Madera-Hernández, Alfredo Marín-Muñiz, Salud Santos-Pérez, Rosa López-Lisbona	**PA2052**
Ultrasound-guided transthoracic core biopsy performed by pulmonologists Teresa Machado (Vila Nova De Gaia, Portugal), Ana Oliveira, Carla Ribeiro	**PA2053**
Role of bronchoscopy in etiological evaluation of non-resolving pneumonia: A prospective cross sectional study from North-East India POOJA AGARWALA (Guwahati, India), Basanta Hazarika, Nyrvan Baishya	**PA2054**

PS-41 Session 165 12:30 - 14:00

Poster session: Endobronchial ultrasound and cryobiopsy

Disease(s) : Airway diseases Thoracic oncology Interstitial lung diseases

Method(s) : Endoscopy and interventional pulmonology Imaging Pulmonary function testing

Tag(s) : Clinical

Chairs : Arvindran Alaga (Alor Setar (Kedah), Malaysia), Gregoris Stratakos (Athens, Greece), Tiva Nemanič (Ljubljana, Slovenia)

Late Breaking Abstract - Safety and diagnostic yield of transbronchial lung cryobiopsy in patients with interstitial lung disease and severe pulmonary function impairment **PA2055**
Christoph Lederer (Heidelberg, Germany), Markus Polke, Janna Reinhard, Ralf Eberhardt, Katharina Buschulte, Monika Eichinger, Claus Peter Heußel, Enikö Fuchs, Konstantina Kontogianni, Michael Allgäuer, Felix Herth, Franziska Trudzinski

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Tissue Adequacy for Next-Generation Sequencing (NGS) in Locally Advanced Non-Small Cell Lung Cancer: A Comparative Analysis of EBUS-TBNA and Cryonodal Biopsy **PA2056**
Gersi Alisha (İstanbul, Türkiye), Esra Geçgel, İrem Onur, Şebnem Batur, Ersan Atahan

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OVERALL AND LYMPH NODE STATION-SPECIFIC DIAGNOSTIC YIELD OF ENDOBRONCHIAL ULTRASOUND-GUIDED TRANSBRONCHIAL MEDIASTINAL CRYOBIOPSY (CryoEBUS) **PA2057**
Pedro Montecino (Palma de mallorca, Spain), Sabina Perello, Jaume Sauleda, Borja G. Cosío, Cristina Gomez, Ana Forteza, María Díaz, Ruth Engonga, Meritxell Lopez, Yolanda De Los Llanos, Alberto Alonso Fernandez

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Use of a cuffed long tracheal tube to prevent blood flooding during cryobiopsy **PA2059**
Masahide Oki (Nagoya, Japan), Atsushi Torii, Toshihiro Ohama, Tomoya Baba, Hiroto Watanabe, Yo Imaeda, Kayo Nomura, Yuka Shinohara, Masahiro Sano, Yoshihito Kogure

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Optimization of endobronchial ultrasound and liquid biopsy use for molecular analysis in non-small cell lung cancer – the OPTIMAL trial **PA2060**
Marc Fortin (Quebec (QC), Canada), Genevieve Parent-Racine, Laurianne Beauchemin, Matthieu Dusselier, Pascalin Roy, Pierre-Alexis Lépine, Simon Martel, Mathieu Simon, Laurence Desy, Patrice Desmeules

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Diagnostic yield and safety of EBUS Cryobiopsy vs EBUS-TBNA for mediastinal lymphadenopathy: A systematic review and meta-analysis **PA2061**
Dean Jbara (Pyrmont, Australia), Chinthaka Samaranayake, Ryan Ocsan, Bapti Roy, Peter Wu

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Usefulness of EBUS-Guided Mediastinal Cryobiopsy for Comprehensive Immunohistochemical and Molecular Analysis in Advanced Lung Cancer **PA2062**
Mario García García (Málaga, Spain), Esperanza Salcedo Lobera, Marta Figuerola Esteban

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To compare the diagnostic yield of EBUS guided TBNA with and without P-ROSE in patients with mediastinal lesion **PA2063**
Gokul Viknesh Chandrasekar (TIRUPPUR, India), Jitendra Kumar Saini, Lokender Kumar, Prabhpreet Sethi

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Distribution of EBUS-TBNA results in PET-CT available patients with extrathoracic malignancies **PA2064**
Fatma Arslan (Ankara, Türkiye), Miraç Öz Kahya, Serhat Erol, Pelinsu Altun, Elif Selçuk, Deniz Doğan Mülazımğlu, Aslıhan Gürün Kaya, Aydın Çiledağ, Mine Araz, Koray Ceyhan, Elif Şen, Akın Kaya, Gökhan Çelik, Demet Karnak

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Granulomatous inflammation in PET-positive mediastinal lymphadenopathy in patients with extrapulmonary malignancies **PA2065**
Aniket Mondal (Jaipur, India), Sanjeev Kumar Jakhar, Madhur Joshi, Virendra Singh, Sheetu Singh

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A Race of Advanced Techniques in Mediastinal Diagnosis: Comparing Endobronchial Ultrasound Guided Transbronchial Needle Aspiration and Endobronchial Ultrasound Guided Transbronchial Mediastinal Cryobiopsy **PA2066**
Meryem Sanlialp (Denizli, Türkiye), Nilüfer Yigit, Erhan Ugurlu

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EUS-B FNA Enhances the Diagnostic Yield of EBUS-TBNA for Intrathoracic Lesions: A Retrospective Cohort Analysis **PA2067**
Eritjan Tashi (Tirane, Albania), Serxho Golgota, Arben Tanka, Alma Teferici, Dhimitraq Argjiri, Ornela Nuredini, Ilir Peposhi, Silvana Bala, Perlat Kapisyzi, Fatmir Caushi

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Incremental value and optimal sampling number in transbronchial cryobiopsy: interim results from the MECRIS study **PA2068**
Anders Näslund (Vellinge, Sweden), Ilias Lyroudis, Hans Brunnström, Annika Patthey, Marija Kotevska, Jaroslaw Kosieradzki, Ala Muala, Anders Blomberg, Stefan Barath, Annelie Behndig, Hamid Akbarshahi

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High-flow nasal oxygen during bronchoscopy and EBUS: a systematic review and meta-analysis of randomized controlled trials **PA2069**
Maria João Lúcio (Armamar, Portugal), Maria Luiza Pereira, Jouke T. Annema, Daniel A. Korevaar, Johannes M.A. Daniels

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Inter-observer agreement for tool-in-lesion detection with needle-based confocal laser endomicroscopy (nCLE) during navigation bronchoscopy — **PA2071**
Saskia van Heumen (Amsterdam, Netherlands), Daniel de Bruin, Peter Bonta, Johannes Daniels, Marjolein Heuvelmans, Jouke Annema

Working Towards Sustainability in Respiratory Medicine - Assessing the Environmental Impact of Bronchoscopy: A Life Cycle Analysis — **PA2072**
Khizr Merchant (London, United Kingdom), Naghib Woldesus, Namooya Muzyamba, Amelia Melville-Green, Kai Lee, Laura-Jane Smith

Bronchial Anthracofibrosis: Characterizing an Under-Recognized Clinical Entity through Bronchoscopy and Advanced Imaging — **PA2073**
Vivek Kumar (Delhi (Delhi), India), Sonaullah Shah, Parvaiz Koul

CBCT-Derived 3D Fusion Navigation-Assisted Bronchoscopic Interventional Recanalization of Completely Scar-Obliterated Bronchial Lumen — **PA2074**
Jingjing Dai (Chongqing, China), Shuliang Guo, Yishi Li

PS-42 Session 166 12:30 - 14:00

Poster session: Medical education, skills training and careers

Disease(s) : Airway diseases | Thoracic oncology | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders | Respiratory critical care

Method(s) : General respiratory patient care | Public health | Epidemiology | Endoscopy and interventional pulmonology | Imaging | Respiratory intensive care

Tag(s) : Clinical, Translational , Digital health

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Ioannis Vogiatzis (Blyth, United Kingdom), Dorina Esendagli (Ankara, Türkiye)

Healthy Lungs for Life for Schools (HLFL4S):3rd year educational intervention in Italy to prevent chronic lung disease in adulthood (a CADSET project) — **PA2075**
Paola Pierucci (Bari, Italy), Gabriella Campa, Francesca Botrugno, Maria Storelli, Giusi Graziano, Giorgio Zucaro, Gabriella Zucaro, Valentina Cristiano, Lucy Robinson, Katherine Wylie, Pippa Powell

High School Students educating Middle Schoolers against Vaping on World Lung Day 2025 — **PA2076**
Farah Madhani-Lovely (Reno, United States), Anshuman Vuppalapati, Sirisha Vuppalapati, Armando Reyes Yparraguirre, Maria Rincon Olivares, Kelley Cogliano, Kristen Gurnea

Ethical Challenges in Rural Climate–Health Research among CRD Populations: Vadu HDSS, Pune, India — **PA2077**
Veeresh Ravindra (Pune , Maharastra, India), Dhiraj Agarwal

Error and safety culture in pulmonology – A nationwide survey in Germany with gender-specific insights — **PA2078**
Erik Büscher (Essen, Germany), Nina Sicker, Thomas Bahmer, Katharina Buschulte, Christoph Fisser, Espen Groth, Matthias Raspe, Julia Wälscher, Eva Pappe

Closing the gap: The urgent need for gender equity in academic career paths — **PA2079**
Tessa Mesken (Groningen, Netherlands), Esther I. Metting

Impact of mass resident physician resignation on inpatient mortality and admissions in Korea — **PA2080**
Hyun Wook Jang (Incheon, Republic of Korea), Joon Young Choi, Ju Sang Kim, Tai Joon An

Sex disparities in human exercise research: Implications for generalisability of health evidence — **PA2081**
Soraya Ritter (Basel, Switzerland), Fabienne Bruggisser, Henner Hanssen, Raphael Knaier

Right Patient, Right Question: Improving Inpatient Respiratory Referrals With a Simple Educational Intervention — **PA2082**
Sonay Beyatli (LONDON, United Kingdom), Lucia Yin, Manoj Menon

Do Large Language Models (LLMs) Get the Diagnosis Right? Evidence from Clinical Respiratory Cases — **PA2083**
Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Pedro Henrique Santana de Almeida, Théo Vitor Magalhães de Queiroz, Giovanna Oliveira Stopa, Vinicius Oliveira Mendes, Jacielly de Queiroz Ferreira, Antônio Jackson Ribeiro, Giulia Macedo Santos Queiroz, Fabio Eiji Arimura, Vanessa Arata

A quality improvement initiative using interprofessional collaboration to reduce unplanned ventilator circuit replacements and support carbon neutrality. — **PA2084**
Ming Chien Yin (Taichung City, Taiwan), Chi Chen Chang, Ya Ying Wang, Zih Lin Zeng, Chia Wei Lai, Yi Chun Chen, Wan Yun Hsiao, Ching Mei Li, Zhen Yeh, Chih Yu Chen

A breath of clarity: exploring referral trends to Respiratory in a District General Hospital **PA2085**
Jade Man (Dartford, United Kingdom), Naomi Earl, Burhan Khan

Putting the Ayr into chest drain education: Improving competence and decision-making in pleural procedures through structured simulation-based training in a District General Hospital on Scotland's West Coast. **PA2086**
Rebecca Jarrott (Ayr, United Kingdom), Zoe Strachan, Sagara Dissamayaka, Jonathan Hayward, Mark Smith, Carl Williams, Alan Krichell, Anuar Guhan

Evaluating a successful thoracic ultrasound teaching initiative – is it time to raise the bar? **PA2087**
Pernilla Borggaard (Horsens, Denmark), Christian B. Laursen, Pia Iben Pietersen

Bronchoscopy training during French Residency: a national survey of exposure, cognitive autonomy, and anxiety triggers **PA2088**
Zakaria Lahmar (Montpellier, France), Engi Ahmed, Laureen Hurault, Quentin Wynands, Jeremy Charriot, Arnaud Bourdin

Evaluation of training duration needed for trainees for identification of adequacy of sample versus specific diagnosis in EBUS-TBNA samples by Rapid on-site evaluation (ROSE) by pulmonologist (PROSE). **PA2089**
Gyan Prakash Gupta (Noida, India), Mrinal Sircar, Noopur Gupta, Dipti Bisaria

Home versus workplace bronchoscopy training using 3D-printed models: assessing performance, cognitive load and feasibility in novice ICU residents - a randomised controlled trial. **PA2090**
Kirthana Srinivasan (London, United Kingdom), Nick Tekkis, Gordon Thomas, James Mcentee, Rawal Bhavin, Taylor Harvey, Williams Mike, Steffi Malik, Suveer Singh

Artificial Intelligence Virtual Patients as a Learning Tool in Respiratory Medical Education **PA2091**
Nataliia Sanina (Dnipro, Ukraine), Lyudmyla Konopkina, Dmytro Sutyrin, Olha Shchudro, Larisa Botvinikova

Late Breaking Abstract - Impact of cardiorespiratory hospitalisations on the cost-effectiveness of RSVpreF vaccination in Spanish adults ≥75 years **PA2092**
Alejandra López-Ibáñez de Aldecoa (Alcobendas, Madrid, Spain), Esther Redondo Margüello, Federico Martinón-Torres, Cristina Masuet-Aumatell, David Cantarero, Daniel Pérez-Troncoso, Reiko Sato, Vanessa López-Gómez

PS-5 Session 167 12:30 - 14:00

Poster session: Severe respiratory infections, chest trauma, airways and resuscitation

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care Epidemiology Public health Surgery Pulmonary function testing Pulmonary rehabilitation Cell and molecular biology General respiratory patient care Physiology

Tag(s) : Translational , Digital health

Chairs : Christoph Fisser (Donaustauf, Germany), Emad Eldin Ibrahim (Alexandria, Egypt), Chair to be confirmed

Late Breaking Abstract - SepThrom: the relationship between sepsis, venous thromboembolism and sepsis-induced coagulopathy in real-world ICU data **PA2093**
Sukriti Poddar, Negin Hajizadeh, Pareen Vora, Konstantin Sharafutdinov, Amy Mulick

Endotracheal ultraviolet: A light for preventing ventilator-associated pneumonia in a porcine model **PA2094**
KASRA KIAROSTAMI (Barcelona, Spain), Blanca Llonch, Flavia Galli, Roberto Cabrera, Nil Vázquez, Nona Rovira-Ribalta, Edoardo Forin, Davide Calabretta, Francesco Bindo, Sofia Misuraca, Cristina Miralles, Alba Soler-Comas, Daniel Martinez, Laia Fernández-Barat, Montserrat Rigol, Ali Rezaie, Antoni Torres, Ana Motos

EIT-Guided Inhaled Nitric Oxide Therapy for Aspiration Pneumonia Targeting Distinct V/Q̇ Mismatch: A Prospective Interventional Study with Physiological Controls **PA2095**
Shengyu Hao (Shanghai, China), Huan Wang, Ming Zhong

Antibiotic Use and Outcomes Following a Stewardship Intervention in Intensive Care Units **PA2096**
Komal Shah (Nashik, India), Swapnil Sakhala, Abhinandan Mutha, Bhavik Shah

Prognostic value of the combined shock index and ratio of oxygen saturation index for clinical outcomes in sepsis: a cohort study **PA2097**
Thiti Sricharoenchai (Pathum Thani, Thailand), Khotchaphol Sudprakhonket

Early trajectories of the white blood cell-to-platelet ratio (WPR) and 28-day mortality in older ICU patients with severe pneumonia Jun Zhou (Hefei, China), Huimei Wu, Hao Li, Peng Zhou, Yuchen Wang, Liwen Wang, Zhanpeng Lu, Fan Huang, Xiaoling Wang, Xinlin Luo, Qingqing Liu, Xueqin Jiang, Zhangyan Ke, Gehang Huang, Xiaoyun Fan	**PA2098**
Role of corticosteroids in the management of non-HIV immunocompromised patients hospitalized for Pneumocystis jirovecii pneumonia Frédéric Riviere (Caen, France), Claire Bialkowski, Anaïs Briant, Laure Seyer, Pierre Cuchet, Karine Campbell, Emmanuel Bergot	**PA2099**
Early prediction of ARDS in community-acquired pneumonia patients using machine learning Paul Michael Larbig (Pfeffingen, Switzerland), Michael Larbig, Vahid Esmaeili, Danny McAuley, Martin Witzenrath, R. Phillip Dellinger, Vassia Liakoni, David Castellano Falcon, Martin Beaussart, Eniko Szekely, Adel Mezine, Léon Van Wouwe, Monther Alhamdoosh, Martin Staempfli, Christopher Rudolf	**PA2100**
Microbiome-Driven Tryptophan Metabolic Dysregulation Links Lung Dysbiosis to ARDS in patients with Pneumonia Dongni Hou (Shanghai, China), Yuanlin Song	**PA2101**
A retrospective study assessing clinical outcome of carbapenem resistant infections treated with Ceftriaxone+Sulbactum+EDTA versus other carbapenem sparing therapy. Sk HUMAYUN Kabir (Birbhum, India)	**PA2102**
Phenotypic Profile of Severe Viral Pneumonia Patients After ICU Transfer Yossr Aloulou (TUNIS, Tunisia), Hiba Larnaout, Lynda Messaoud, Aloulou Yosr, Hend Abid, Asma Ouhibi, Hajer Mechemeche, Asma Mahdi, Eya Seghir, Ahlem Trifi, Sami Abdelatif	**PA2103**
Thoracic trauma: Injury patterns, morbidity, and mortality in a large bicentric series Mohamed REBEI (sfax, Tunisia), Zied Chaari, Jaweher Kammoun, Aymen Ben Ayed, Mona Nasri, Ahmed Ben Ayed, Abdesslem Henteti, Wiem Ben Amar	**PA2104**
Injury patterns and epidemiological profile of post-traumatic flail chest Mohamed REBEI (sfax, Tunisia), Jaweher Kammoun, Zied Chaari, Wiem Ben Amar	**PA2105**
Respiratory Impairment and Functional Recovery in Survivors of Severe Pneumonia or ARDS: A Multicenter study (TENACITY). Laura Alcarraz Vázquez (Zaragoza (Zaragoza), Spain), Anna Vila Fornells, Rafaela Vaca Molina, Anna Sánchez Cucó, Esther García-Lavedan, Nerea Ramírez-Seco, Ivan Juez-Garcia, Sulamita Carvalho, Paula González Cascet, Ferrán Roche Campo, Mónica Magret Iglesias, Luis Urrelo Cerrón, Neus Bofill, Jael Lorca Cabrera, Diego Franch-Llasat, Sara Manrique, Mari Carmen Gilavert, Vanessa Blazquez Alcaide, Diana Gil Castillejos, Salvador Perello Aragonés, Ferran Barbé, Jéssica González	**PA2106**
Prognostic impact of shock at ICU admission in acute respiratory failure Tae Wan Kim (Seoul, Republic of Korea), Jae Young Choi, Joonho Lee, Jin Song Park, Chi Ryang Chung, Jeong Hoon Yang, Gee Young Suh, Ryoung-Eun Ko	**PA2107**
Comparison of Machine Learning Algorithms for Predicting Early Mortality in Out-of-Hospital Cardiac Arrest: A Korean Nationwide Population-Based Study (2008–2023) Chan Soo Youk (Seoul, Republic of Korea), Ji Sook Han, Moon Jin Kim, Seohyun Kim, Tai Joon An	**PA2109**
Diagnostic yield of bronchoscopy and bronchoalveolar lavage in hypoxic respiratory failure with ventilator associated pneumonia Debajyoti Bhattacharyya (New Delhi (Delhi), India), Arvind Tomar, Ankit Bhardwaj, Vikas Khillan, Pratibha Kale, Ashok Choudhury, Rakhi Maiwall	**PA2110**
Extracorporeal Membrane Oxygenation and Invasive Fungal Disease in Critically Ill Patients Sofia Fontão Alves (Lisboa, Portugal), Inês Torres, Laura Moreira, Cleide Barrigoto, Philip Fortuna	**PA2111**
Survival probability, resource utilisation and mortality risk factors in respiratory versus non-respiratory patients admitted to a respiratory intensive care unit. Luis Soriano Mitra (ciudad de mexico, Mexico), Pablo Alvarez Maldonado, Grisel Hernández Ríos, Alejandro Hernández Solís, Arturo Réding Bernal, Francisco Navarro Reynoso	**PA2112**

PS-6 Session 168 12:30 - 14:00

Poster session: Non-invasive respiratory support: technology, physiology, interfaces and simulation

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Respiratory intensive care | Physiology | Imaging | Palliative care

Tag(s) : Clinical, Digital health

Chairs : Maria Laura Vega Pittao (Bologna, Italy), Miguel Filipe Martins de Matos Navarro Guia (Carnaxide, Portugal), Amanda Piper (Camperdown (NSW), Australia)

Effectiveness and predictors of failure of high velocity nasal insufflation in the management of AECOPD with respiratory acidosis Ali Abdelaziz (Minia, Egypt), Rasha M Emam, Rania Yahia Fathy, Nada Abdelaziz, Bahaa Ibrahim M	**PA2113**
Immersive Simulation Training for Elective Withdrawal of Non-Invasive Ventilation in Motor Neurone Disease Gemma Cox (Taunton, United Kingdom), Charlie Davis, Ben Hester, Laura James	**PA2114**
High-flow nasal cannula versus non-invasive ventilation in immunocompromised patients with acute hypoxemic respiratory failure: a systematic review and meta-analysis Marie Angelique Chua (Manila, Philippines), Jonni Fay Teves, Darlene Mae Cledera, Jan Christian Feliciano	**PA2115**
The NIV Simulation Programme: Supporting Medical Registrars to Recognise the Need for NIV, Initiate Therapy, and Vary Settings Through Simulation Based Training Rebecca Johnson (Reading, United Kingdom), Yvette Taylor, Olivia Wildey, Sunit Raja, Catherine Thomas	**PA2116**
Evaluation of a high-fidelity Noninvasive ventilation simulation model for medical resident training Clara Bianquis (Paris, France), Emeline Fresnel, Adrien Kerfourn, Marius Lebret, Maxens Decavele, Jesus Gonzales-Bermejo, Capucine Morélot-Panzini, Maxime Patout	**PA2117**
Effect of oxygen delivery location during non-invasive home mechanical ventilation: a randomised cross-over simulation study Zoe Bousraou (Zürich, Switzerland), Dario Somaini, Lara Benning, Bastian Gruber, Silvia Ulrich, Martin Lüchinger, Esther Schwarz	**PA2118**
Exploratory upper airway MRI during nasal high flow and CPAP: nasal vs oronasal interfaces Maik Schroeder (Dortmund, Germany), Georg Nilius, Akos Bicsac, Lars Bonitz	**PA2119**
Effect of end-tidal CO2 on clearance of anatomical dead space by asymmetrical nasal high flow in in hypercapnic COPD patients. A computational study. Natalia Kabaliuk (Christchurch, New Zealand), Aden Sadler, Stanislav Tatkov	**PA2120**
Physiologic Impact of Lung Recruitment Under Noninvasive Face Mask Ventilation Jun Duan (Chongqing, China), Yiwei Min, Wenhui Hu, Mengyi Ma, Linfu Bai	**PA2121**
NIV adaptive modes in OHS: equivalent but not equal? A bench study. Isabelle Dupommereulle (ANTONY, France), Baptiste Rouchié, Mary Schmitt	**PA2122**
Algorithm calculation comparison of 4 Non-Invasive ventilators Arnaud DELANGHE (Bagneux, France), Claudio Rabec, Joelle Texereau, Marius Lebret, Marie Lambert	**PA2123**
Nasal Cannula Size (small, medium, large) and mechanical output during high flow oxygen therapy: a bench study. Stefania Patrito (Torino, Italy), Giovanni Maria Ferrari, Emmanuele Sappino, Lorenzo Appendini, Elena Rindone, Roberta Rosso, Chiara Caponetto, Paolo Righini, Valentina Difino, Alessandro Oliva, Valter Gallo, Roberto Prota	**PA2124**
Towards Better Breathing in Resource-Limited Settings: Early Prediction of Non-Invasive Ventilation Outcomes to Guide Personalised Care in Acute Respiratory Failure mounicka karthikeyan (COIMBATORE, India)	**PA2125**
Impact of Long-Term Home Non-Invasive Ventilation on Acute NIV Outcomes in ICU Patients with Hypercapnic COPD Exacerbation Wiem Nouira (Monastir, Tunisia), Lamia Ouanes, Iyed Maatouk, Manel Lahmar, Fahmi Dachraoui, Lamia Ouanes Besbes	**PA2126**
GPS(Ghosh-Pal Score)-Development of a Normalized 0–20 Composite Prognostic Score (APACHE II + CRP + D-Dimer + PCO_2) to Predict Need for Invasive Ventilation in Acute Exacerbation of COPD: A 50-Patient Observational Study Soumyadeep Ghosh (Burdwan, India), Subhadip Pal, Subhajit Ghosh	**PA2127**

Nasal high-flow compared to non-invasive ventilation in treatment of acute acidotic hypercapnic exacerbation of chronic obstructive pulmonary disease – a randomized controlled noninferiority trial (ELVIS) **PA2128**
Jens Bräunlich (Leipzig, Germany), David Petroff, Hubert Wirtz

Predictors of treatment failure in patients with community-acquired pneumonia (CAP) receiving oxygen supplementation through High-flow nasal cannula (HFNC) **PA2129**
Vassiliki Gogou (Athens, Greece), Kostas Papavassiliou, Konstantinos Loverdos, Kyriaki Cholidou, Nektarios Anagnostopoulos, Konstantinos Vafeiadis, Zoi Sotiropoulou, Agamemnon Bakakos, Konstantinos Bartziokas, Nikoletta Rovinna, Petros Bakakos, Andriana Papaioannou

ROX INDEX or HACOR score at admission which predicts adverse outcome in patients treated with HFNC as a roof treatment **PA2130**
Benedetta Picchi (Siena, Italy), Giuseppina Ciarleglio, Beatrice Perea, Jean-Guillaume Starnini, Federico Nigroli, Elena Bargagli

PS-7 Session 169 12:30 - 14:00

Poster session: Integrative approaches to asthma: biology, biomarkers and treatment

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Imaging Endoscopy and interventional pulmonology

Tag(s) : Clinical, Translational

Chairs : Ken Bracke (Ghent, Belgium), Corry-Anke Brandsma (Groningen, Netherlands), Rory Chan (Glasgow, United Kingdom)

Late Breaking Abstract - Effect of Benralizumab on airways remodeling in patients with severe eosinophilic asthma (preliminary data of the BREATH study) **PA2131**
Kalliopi Domvri (Thessaloniki, Greece), Ioanna Tsiouprou Tsiouprou, Savvas Damdoumis, Agamemnon Bakakos, Nikoleta Pasteli, Andriana I Papaioannou, Nikoleta Rovina, Stelios Loukides, Petros Bakakos, Konstantinos Porpodis

IL-5 inhibition reduces systemic and distal airway eosinophilic inflammation in patients with T2-high severe asthma (SA) **PA2132**
Wint Wah Soe (Southampton, United Kingdom), Laurie Lau, Jennifer Naftel, Onofrio Zanin, Paddy Dennison, Alice Eminton, John Ward, Rory Chan, Cornelia Blume, Rocio T Martinez-nunez, Emily Swindle, Hitasha Rupani

Identification of a Pulmonary Intravascular Eosinophil Subset Regulating Endothelial Homeostasis and Metastasis **PA2133**
(hangzhou, China), Qin Zhongnan, Chen Zhihua, Zhu Chen, Li Wen

Spatial Distribution of Protease Defined Mast Cell Subsets Links T2 Endotypes to Mannitol Induced Airway Hyperresponsiveness **PA2134**
Premkumar Siddhuraj (Lund, Sweden), Morten Hvidtfeldt, Lise Lotte Erikson, Jimmie Jönsson, Daisy Bornesund, Asger Sverrild, Celeste Porsbjerg, Jonas Erjefält

Therapeutic Effects of IgE CAR-T Cells Targeting Basophils and Mast Cells in Allergic Diseases **PA2135**
Beibei Sun (Hangzhou, China), Xinyi Chen, Ruiqi Zhang, Gaoying Chen, Fang Xu, Youqian Wu, Songmin Ying

Development and validation of a human three-dimensional airway smooth muscle-on-a-chip model for studying pathological remodelling **PA2136**
Jorge Bernardino de la Serna (London, United Kingdom), Amir Suhail, Joseph Xavier, Felix Dobree, Hiba Pk, Ajai Krishnan, Amritha Pradeepa, Megha Kb, Reshma S, Remya Ns

Airway cell atlas reveals dysregulated bronchial epithelial cell differentiation through hillock-like cells in asthma, driving airway inflammation and remodeling **PA2137**
Tessa Gillett (Groningen, Netherlands), Aurore Gay, Jelmer Vlasma, Martin Banchero, Alexandra Firsova, Marijn Berg, Tessa Kole, Leonie Apperloo, Petra van der Velde, Marnix Jonker, Djoke van Gosliga, Laura Hesse, Christos Samakovlis, Kerstin Meyer, Sarah Teichmann, Gerard Koppelman, Maarten van der Berge, Martijn Nawijn

Dissecting eosinophil heterogeneity in experimental mouse models of asthma **PA2138**
Hiba Sayedali (Gothenburg, Sweden), Neeraj Patil, Jenny Calvén, Hannes Ingelhag, Carina Malmhäll, Kristina Johanssson, Madeleine Rådinger

Transferrrin receptor 1 responses drive type 2 cytokine-induced pathological features of asthma and can be therapeutically targeted in both steroid-sensitive and steroid-insensitive forms of disease PA2140
Jay Horvat (Newcastle (NSW), Australia), Amber Pillar, Rejitha Joseph, Alen Faiz, Diren Reddy, Jemma Mayall, Aja Rippon, Jessica Barnes, Ama-Tawiah Essilfie, Gabriela Hoefel, Md Khadem Ali, Richard Kim, Chantal Donovan, Henry Gomez, Kanth Swaroop Vanka, Hock Tay, Nazanin Kermani, Sharon Mumby, Ian Adcock, Gregory Anderson, David Frazer, Daniel Johnstone, Lz Milward, Peter Wark, Paul Foster, David Reid, Alexandra Brown

Transgenerational susceptibility to asthma: Impact of maternal exposure to airborne ultrafine particles during pregnancy in mice PA2141
Djamal Achour (Lille, France), Céline Grare, Patricia de Nadaï, Julie Carrard, Jean-Marc Lo Guidice

Treatment with benralizumab alters upper airway epithelial expression of alarmin cytokines: An observational pilot study PA2142
Hazel Marriott (Edmonton, Canada), Marc Duchesne, Jalal Moolji, Adil Adatia, Subhabrata Moitra, Paige Lacy

Is chemerin a new potential biomarker in severe asthma? PA2143
Lars Ingvar Andersson (Stockholm, Sweden), Maciej Kupczyk, Barbro Dahlén, Sven-Erik Dahlén, Apostolos Bossios, Anna James, On Behalf Of The Bioair Consortium

Systemic and airway immunomodulatory effects of anti–IL-5 and anti–IL-5Rα therapy in severe eosinophilic asthma PA2144
Lamprini Vlassi (Athens, Greece), Efthymia Theofani, Chrysoula Kontogianni, Eleftherios Zervas, Christina Anagnostopoulou, Georgios Kaltsakas, Angelos Vontetsianos, Anastasia Liapi, Anastasia Siora, Andriana I Papaioannou, Ioanna Endokia Galani, Petros Bakakos, Nikoletta Rovina

Zumilokibart (APG777), a half-life extended monoclonal antibody, improves IL-13–driven airway pathology in preclinical asthma models PA2145
Kristie Barth (Boston, United States), Kimberly Barker, Nolan Kearns, Grant Wickman, Lukas Dillinger

Effects of 24 weeks of benralizumab therapy on serum levels of IL-5, IL-33, GM-CSF, eotaxin, and clinical outcomes in patients with severe eosinophilic asthma PA2146
Virginija Kalinauskaitė-Žukauskė (Kaunas, Lithuania), Andrius Januškevičius, Jolita Palačionytė, Airidas Rimkūnas, Eglė Vasylė, Dominykas Remeika, Kęstutis Malakauskas

Multiomic profiling of circulating blood eosinophils from severe eosinophilic asthma, eosinophils remaining after anti-IL5 mepolizumab and healthy non-asthmatics PA2147
Katie Raby (London, United Kingdom), Khezia Asamoah, Emma Gaffney, Piers Dixey, Pujan Patel, Ian Adcock, Kian Fan Chung, Pankaj Bhavsar

Eosinophilic Granulomatosis with Polyangiitis (EGPA) eosinophils are metabolically distinct from severe eosinophilic asthma (SEA) eosinophils: differential response to IL-3 PA2148
Emma Gaffney (London, United Kingdom), Katie L. Raby, Janice Koranteng, Piers Dixey, Pujan Patel, Kian Fan Chung, Pankaj Bhavsar

Unlocking immune niches in severe asthma: 3D µCT-guided histological identification of airway tertiary lymphoid tissue PA2149
Lise Lotte Eriksen (Copenhagen NV, Denmark), Premkumar Siddhuraj, Andréas Lillieroth Bricaud, Lasse Bo Mortensen, Emilie Johanning Bari, Morten Hvidtfeldt, Jonas S. Erjefält, Rajmund Mokso, Celeste Porsbjerg

Longitudinal study of the respiratory microbiome before and after oral corticosteroids in severe asthma attacks PA2150
Elsa Ben Hamou-Kuijpers (Sherbrooke, Canada), Carlos Celis-Preciado, Martine Duval, Mathieu Durand, Dominic Cliche, Simon Lévesque, Philippe Martin, Philippe Lachapelle, Martin Klein, Jean-Pierre Fabrice, Simon Couillard

PS-8 Session 170 12:30 - 14:00

Poster session: Uncovering signalling pathways in development and progression of lung diseases

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology General respiratory patient care Pulmonary function testing Physiology

Tag(s) : Clinical

Chairs : Anja Schweikert (Dublin, Ireland), Jasmijn A. Schrumpf (Leiden, Netherlands), Monica Kraft (New York, United States)

Late Breaking Abstract - Estrogen-fibroblast crosstalk: A hidden driver of airway remodeling in asthma PA2151
PRABHA REGMI (Dubai, United Arab Emirates), Yara Elmashak, Surendra Singh Rawat, Saba Al Heialy

Age-dependent changes in alarmin and mucin expression in the murine lung Jonas Ambjörnsson (Gothenburg, Sweden), Neeraj Patil, Sofia Kallin, Gunnar Hansson, Kristina Johansson	**PA2152**
IgE plasma cells exhibit highlighted endoplasmic reticulum stress and are selectively vulnerable to proteasome inhibition James Orengo (Cortlandt Manor, United States), Abdul Mir, Erika Penaherrera, Joseph Devlin, Eva Conde, Weikeat Lim, Andrea Vecchione, Aeblewongel Asrat	**PA2153**
ATF3 serves as a redox-sensitive transcriptional regulator of steroid resistance in asthma via the MKP-1/p38 MAPK axis Jinxiu Li (Shanghai, China), Lei Zhao, Yali Qiu, Jiawei Liao, Xue Tian, Jianwei Gao, Min Zhang, Aihua Bao	**PA2154**
Targeting the ANXA1-MIF axis to regulate mitochondrial dynamics: a novel therapeutic strategy and mechanistic study for improving Post-Traumatic airway stenosis. LIAO JIAXIN (Chongqing, China)	**PA2155**
PTCH1 Drives Airway Epithelial Senescence via Dysregulated Mitochondrial Dynamics in COPD Zhoude Zheng (Beijing, China), Ke Huang, Junchao Jiang, Wanheng Li, Yuhang Huang, Zhifa Han, Steven Cass, Christine Mwasuku, Mona Bafadhel, Richard Russell, Jonathan Baker, Ting Yang	**PA2156**
Features of accelerated cellular ageing in alpha-1 antitrypsin deficiency: a focus on mitochondrial dysfunction Léa Gaume (Dublin, Ireland), Lucy Kirwan, Mairéad Rowland, Emma Leacy, Rebecca Fitzgerald, David Quigley, Malcom Herron, Rachel Mulpeter, Emma Farrell, Suzanne Roche, Caitriona Ní Breathnach, Ronan Heeney, Tomás Carroll, Gerry McElvaney, Mark Murphy	**PA2157**
Involvement of STAT3 signaling in airway smooth muscle phenotypic modulation and airway remodeling in chronic asthma Qing Miao (Beijing, China), Wei Wang	**PA2158**
IL-1β from Pyroptosis Promotes Epithelial-mesenchymal Transition via Wnt7a/GSK-3β/β-catenin Axis in an Ozone and Pseudomonas aeruginosa-induced COPD Mouse Model Maosen Dou (Shanghai, China), Min Zhang	**PA2159**
YAP1 suppresses inflammation-associated ferroptosis via transcriptional activation of CRYAB to promote epithelial repair after airway injury Rongjuan Zhuang (Chongqing, China), Shuliang Guo	**PA2160**
Long-read RNA Sequencing Identifies Targets of Nonsense-Mediated Decay in Primary Lung Cell Types Yul Leshem (Boston, United States), Yoshiyuki Kasai, Sanika Thakur, Mapopa Chipofya, Jose Cabrera, John Ziniti, Ayan Paul, Aabida Saferali, Alain Laederach, Alexandra Tata, Purushothama Rao Tata, Adel Boueiz, Scott Randell, Peter J. Castaldi	**PA2161**
Absence of EGFR activation in airway epithelium by oxidised human IL-33 Will Bolland (Leicester, United Kingdom), Davinder Kaur, David Cousins, Christopher Brightling	**PA2162**
Lipofuscin as marker of premature cellular senescence in Chronic Obstructive Pulmonary Disease: association with respiratory function Stefano Levra (Orbassano, Italy), Chiara La Sala, Francesca Bertolini, Elisa Arrigo, Giuseppe Guida, Fabio Luigi Massimo Ricciardolo	**PA2163**
Cholinergic Signaling Modulates Lung Inflammation in In Vitro and In Vivo Experimental Models of Asthma Vitoria Queiroz (Santos, Brazil), Francine De Almeida, Cintia Nascimento, Caroline Ogassawara, Camila Suehiro, Nathalia Pinheiro, Marco Antonio Prado, Vania Prado, Iolanda Tibério, Ayman Hamouda, Carla Prado	**PA2164**
SUCNR1 in airway pathophysiology: IL-4–induced changes and role in allergic asthma models Marisol Barros-Poblete (Valdivia, Chile), Tabata Apablaza, Sandra Villanueva, Isabel Cornejo, Sebastián Hernández-Rivas, Aracely Olave, Carlos Flores	**PA2165**
Effect of diesel exhaust particles on nasal epithelial cells in asthmatics: focusing on IgE/FcεRI interaction Chiung-Hung Lin (London, United Kingdom), Pankaj Bhavsar, Kian Fan Chung	**PA2166**
The brain listens to the lung: the role of lung derived extracellular vesicles LU LIU (Sydney, Australia), Hui Chen, Brian Oliver	**PA2167**

Impact of hypoxia on respiratory neuromuscular transmission: an in silico study of the pathophysiology of obstructive sleep apnea. **PA2168**
Clementine Puech (Toledo, Spain), Nuria López, Ester Escalera, Juan de los Reyes, Juliana Martins, Manuel Sanchez de la Torre

Oxidative and inflammatory marker profiles in obstructive airway diseases (OADs) including asthma, chronic obstructive pulmonary disease (COPD), and 'unclassified' **PA2169**
SRIJITA SEN (KOLKATA, India), Debkanya Dey, Sayanti Karmakar, Shuvam Ghosh, Wrick Chakraborty, Sayoni Sengupta, Sumedha Biswas, Pallav Bhattacharyya, Dipanjan Saha, Avishek Kar, Saikat Banerjee, Rajat Banerjee, Parthasarathi Bhattacharyya

Adipokines in obese asthma; A complex relationship influenced more by sex, weight, and oral steroid treatment than disease severity. **PA2170**
Lars Ingvar Andersson (Stockholm, Sweden), Maciej Kupczyk, Barbro Dahlén, Sven-Erik Dahlén, Apostolos Bossios, Anna James, On Behalf Of The Bioair Consortium

PS-9 Session 171 12:30 - 14:00

Poster session: Advances in acute lung injury, acute respiratory distress syndrome and pulmonary repair: mechanisms, biomarkers and therapeutic strategies

Disease(s) : Respiratory critical care | Interstitial lung diseases | Airway diseases

Method(s) : Cell and molecular biology | Physiology | Imaging | Epidemiology | Pulmonary function testing | Respiratory intensive care

Tag(s) : Basic science

Chairs : Miguel Angel Alejandre Alcázar (Cologne, Germany), Adrian Ceccato (Barcelona, Spain), Sara Rolandsson Enes (Lund, Sweden)

Late Breaking Abstract - Immunomodulatory and antibacterial properties of engineered iPSC-derived mesenchymal stromal cell extracellular vesicles in inflammatory models relevant to acute respiratory distress syndrome **PA2171**
Tao Li (Galway, Ireland), Juan Fandino Gomez, Sean McCarthy, Claire Masterson, Christopher Rohde, Matt Angel, John G Laffey, Daniel O'Toole

Pulmonary Protective Effects of Angiotensin-(1-7): A Dual-Action Therapy Reversing Elastase-Induced Emphysema and Preventing Eosinophilic Exacerbations **PA2172**
Giselle Magalhães (Juiz de Fora, Brazil), Lucas Cardoso, Alicia Villacampa, Igor Cardoso, Juliana Gregorio, Felipe Silva, Pedro Machado-Junior, Frank Bezerra, Maria Jose Campagnole-Santos, Robson Santos, Maria da Gloria Rodrigues-Machado, Carlos Sanchez-Ferrer, Concepcion Peiro

VEGF165b Attenuates LPS-Induced Acute Lung Injury via Antagonizing the VEGF165a/VEGFR2 Signaling Pathway **PA2173**
JIA DENG (Guangzhou, China), Tao Wang

SBK001: A Novel Multi-Target Candidate Drug for Protecting Against Acute Lung Injury - Preclinical Pharmacodynamic Evidence from Rodent Models **PA2174**
MING CHEN (Chengdu, China), Haixia Fu

The role of interleukin 18 receptor 1 in hyperoxia induced acute lung injury **PA2175**
Uh Jin Sung (Seoul, Republic of Korea), Mi Na Kim, Chang Hyun Park, Joo Yeon Cho, Byung Chan Ko, Kyung Won Kim, Myung Hyun Sohn

Secreted RCN3 acts as an early epithelial-fibroblast mediator via TGFβR1-Smad signaling in post-ALI pulmonary fibrosis **PA2176**
Xiaoqian Shi (beijing, China), Zhenyan Wang, Fangping Ding, Runlin Z. Ma, Jing Wang, Yingmin Ma, Jiawei Jin

Endothelial phenotype switching in LPS-induced acute lung injury is driven by glycolysis-mediated impairment of the TBX3-EDNRB axis **PA2177**
Jian Xu (Shanghai, China), Xu Wu, Yuanlin Song

Integrative genetic strategies reveal susceptibility genes for sepsis-induced lung injury: a prospective cohort and Mendelian randomization study **PA2178**
QIANXUN SHENG (Guangzhou, China), Xintong Li, Haoming Zhuang, Yuejing Ban, Zanfeng Cao, Jiaying Luo

AT2 Cell Senescence Increases Susceptibility to ARDS-Like Injury in a Sin3a-Deficient Mouse Model **PA2179**
Kazuya Koyama (Tokushima, Japan), Alicia Gambola, Hadis Najibi, Changfu Yao, Barry Stripp

	Targeting cellular oxidative stress response to maintain genomic stability and reprogram pathological dynamics in bronchopulmonary dysplasia Hsin Huang (Cologne, Germany), Olga Ibáñez-Solé, Centina Kuiper-Makris, Stephanie Stephan, Nina Erps, Jaco Selle, Ivana Mizik, Christina Vohlen, Werner Seeger, Jan-Wilm Lackmann, Jörg Dötsch, Björn Schumacher, Miguel A. Alejandre Alcázar	**PA2180**
	Therapeutic effects of chitosan–orientin nanoparticles on hypoxia-induced pulmonary inflammation in a rat model Gulfem Erdoğdu (BAHÇELİEVLER, Türkiye), Ihsan Topaloglu, Cagrı Atasoy, Eren Erdogdu, Guntug Batihan, Semih Ciftci, Volkan Gelen, Kübra Kaya, Adem Kara, Ali Yesildag, Elif Erbas	**PA2181**
	Dysregulated copper homeostasis exacerbates acute lung injury through Ras/MAPK pathway Hailing Zhang (Guangzhou, China), Lu Yuan, Yunna Zheng, Jihong Huang, Junyi Lu, Shangwen He, Wenqi Huang, Xiaoyue Ge, Fan Yang, Zhefan Xie, Zhong-Kai Cui, Yongzhong Zhan, Chunlai Fu, Wufeng Huang, Laiyu Liu	**PA2182**
	p300 contributes to hyperoxia-induced acute lung injury Changhyun Park (Seoul, Republic of Korea), Mina Kim, Jooyeon Cho, Byungchan Ko, Uhjin Sung, Kyungwon Kim, Sooyeon Park, Hogeun Yoon, Myunghyun Sohn	**PA2183**
	Novel Combinatorial Therapy for Sepsis-Induced Acute Lung Injury: Integration of PARP1 Inhibition and miR-135a-5p Modulation Mansoor Ali Syed (New Delhi (Delhi), India)	**PA2184**
	Relationship of subclinical lung injury to chronic airway inflammation in spinocerebellar ataxia type 3 xiaoting lv (Fuzhou, China), Shirui Gan, Gongping Chen	**PA2185**
	2-Arachidonoylglycerol restoration attenuates pulmonary complications in acute pancreatitis through CB1 and CB2 receptors Paula Goncalves Romeu (Badalona, Spain), Karina Cárdenas-Jaen, Enrique de-Madaria, José María Hernández, Lourdes Fluvià, Laura Torres-Ribas, Daniel Closa, Raquel Guillamat-Prats	**PA2186**
	Assessment of sex-based differences in lung fibrosis in a diabetic rat model via deep ultraviolet (DUV) fluorescence microscopy Fruzsina Farkas (Szeged, Hungary), Petra Somogyi, Fruzsina Kun-Szabó, Gergely H. Fodor, Catherine Guettier, Sam Bayat, Frédéric Jamme, Hugo Chauvet, François Le Naour, Ferenc Peták, Slávka Kaščáková	**PA2187**
	YB-1 in ARDS: pro-inflammatory activity, impact on lung-kidney axis and post-translational modification Lucy Kathleen Reiss (Aachen, Germany), Anna Leitz, Daniela Hermert, Vera Jankowski, Yingying Gao, Yili Chen, Anke Kowallik, Kristina Helten, Rafaela Rawinski, Ina V. Martin, Xiyang Liu, Sonja Djudjaj, Edgar Dahl, Paul Balfanz, Marcus J. Schultz (BASIC consortium), Rafael Kramann, Tammo Ostendorf, Stefan Uhlig, Ute Raffetseder	**PA2188**
	Effects of Nitric Oxide and Hydrogen Gas Inhalation During Exercise in a Mouse Model of Heart Failure Shingo Yamazaki (SAGAMIHARA, Japan), Masaru Kubota, Kenichi Kokubo, Kozue Kobayashi	**PA2189**
	A novel cyclin-dependent kinase 8 inhibitor attenuates lung inflammation in endotoxemia-induced lung injury Pei-Yun Lin (Taipei City, Taiwan), Hsin-Wei Chu, Wei-Jan Huang, Chia-Ling Chen	**PA2190**

1A Session 176 13:45 - 14:30

Guidelines session: Endobronchial and oesophageal endosonography for the diagnosis and staging of lung cancer

ERS/ESGE/ESTS clinical practice guidelines on endobronchial ultrasound in lung cancer

Aims : To share updated insights on the minimally invasive diagnosis and staging of lung cancer by endosonography discussed in recommendations published in 2026 in the European Respiratory Journal.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Pathologist, Radiologist, Thoracic oncologist, Thoracic surgeon

Chairs : Jouke T. Annema (Amsterdam, Netherlands), Michael Kreuter (Mainz, Germany), Laura Fabbri (London, United Kingdom)

13:45	**Methodology of the ERS/ESTS/ESGE guideline on endosonography in lung cancer** Daniël Korevaar (Amsterdam, Netherlands)	**2210**

14:00	**2026 ERS/ESGE/ESTS endobronchial ultrasound guideline: what is new?** Konstantina Kontogianni (Heidelberg, Germany)	**2211**
14:15	**Discussion and Q&A** Daniël Korevaar (Amsterdam, Netherlands), Konstantina Kontogianni (Heidelberg, Germany), Merel Hellemons (Rotterdam, Netherlands), ARGYRIS TZOUVELEKIS (Patras, Greece)	**2212**

3L Session 177 13:45 - 14:30

Pro-Con debate: Upfront combination therapy in pulmonary fibrosis: the next paradigm or premature strategy?

Aims : To explore, through a pro–con debate, whether combination antifibrotic therapy should be initiated upfront in patients with pulmonary fibrosis, rather than following a stepwise approach; to critically evaluate the scientific rationale, available clinical evidence, and potential risks and benefits of early combination therapy compared with monotherapy; to

examine key aspects of combination antifibrotic therapy, including the biological rationale for targeting multiple fibrotic pathways simultaneously and emerging evidence from clinical trials and observational studies assessing combination antifibrotic strategies; to explore safety, tolerability and adherence considerations; to examine the implications of combination antifibrotic therapy for different fibrotic interstitial lung diseases, including idiopathic pulmonary fibrosis and progressive pulmonary fibrosis;

to provide clinicians and researchers with a balanced overview of current evidence, knowledge gaps and future research directions, supporting informed decision-making in the management of pulmonary fibrosis.

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Pharmacist

Chairs : Francesca Polverino (Houston, United States), Wim A. Wuyts (Leuven, Belgium), Monika Gappa (Düsseldorf, Germany)

13:45	**Introduction & voting** All speakers	**2213**
13:49	**PRO: upfront combination therapy in pulmonary fibrosis – start early, target more** Vincent Cottin (Lyon, France)	**2214**
13:59	**CON: not so fast – upfront combination therapy is not yet ready for routine practice** Claudia Valenzuela (Madrid, Spain)	**2215**
14:09	**Discussion and Q&A** Vincent Cottin (Lyon, France), Claudia Valenzuela (Madrid, Spain), David M. G. Halpin (Exeter, United Kingdom), Marc Miravitlles (Barcelona, Spain)	**2216**
14:19	**PRO: Rebuttal** Vincent Cottin (Lyon, France)	**2217**
14:22	**CON: Rebuttal** Claudia Valenzuela (Madrid, Spain)	**2218**
14:25	**Voting & Wrap-up** All speakers	**2219**

3B Session 178 13:45 - 15:15

Respiratory medicine meets other disciplines: COPD, cardiovascular risk and pulmonary vascular disease: from translational mechanisms to clinical management

ERS/ESC joint session

Aims : To explain the mechanistic links between airway disease, pulmonary vascular remodelling and right heart dysfunction in COPD; to identify COPD patients at increased cardiovascular and pulmonary vascular risk, using emerging clinical and consensus-based tools; to apply evidence-based recommendations from the COPD–ESC Clinical Consensus to the management of cardiovascular comorbidities in COPD; to identify current pitfalls and future therapeutic opportunities in the management of pulmonary vascular disease associated with COPD.

Disease(s) : Pulmonary vascular diseases

Tag(s) : Basic science, Clinical, Translational

Chairs : Mona Lichtblau (Zürich, Switzerland), Marius M. Hoeper (Hannover, Germany), Grazyna Kwapiszewska-Marsh (Graz, Austria)

13:45	**Pulmonary vascular remodelling in COPD: mechanistic links between airway disease, pulmonary circulation and the right heart** Jurjan Aman (Amsterdam, Netherlands)	**2220**
14:00	**Identifying cardiovascular and pulmonary vascular risk in COPD patients: who is at risk and why? Insights from the ESC clinical consensus on COPD** Daiana Stolz (Freiburg, Germany)	**2221**
14:15	**Treating COPD patients with cardiovascular risk: evidence-based and emerging clinical recommendations from the ESC clinical consensus on COPD** Chris P Gale (Leeds, United Kingdom)	**2222**
14:30	**Managing pulmonary vascular disease in COPD: current practice, pitfalls and future therapeutic strategies** Gabor Kovacs (Graz, Austria)	**2223**
14:45	**Discussion and Q&A** All speakers	**2224**

3C Session 179 13:45 - 15:15

State of the art session: Respiratory critical care

Beyond the intensive care unit: how respiratory high-dependency units and mobile teams transform patient journeys

Aims : To define the evolving role of respiratory high-dependency unit (HDUs) and mobile respiratory teams in modern respiratory care; to compare international models of staffing, organisation and resource allocation, highlighting how different systems meet patient needs; to clarify clinical indications for HDU admission and mobile team involvement, including acute deterioration, complex weaning and airway management; to showcase the essential role of respiratory physiotherapists in ventilator weaning, tracheostomy decannulation and cough augmentation; to evaluate the cost-effectiveness and impact on the health system of HDUs, emphasising how collaborative care models improve outcomes and resource utilisation.

Disease(s) : Respiratory critical care

Method(s) : Public health Pulmonary rehabilitation Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist, Pharmacist

Chairs : João Carlos Winck (Vila Nova de Gaia, Portugal), Anita Simonds (London, United Kingdom), Yuanlin Song (Shanghai, China)

13:45	**The role of the respiratory HDU: where it fits in modern respiratory care** Raffaele Scala (Arezzo, Italy)	**2225**
14:00	**Indications for respiratory HDU admission: who benefits and when?** Sara B. Heili Frades Zimmermann (Madrid, Spain)	**2226**
14:15	**Models of respiratory HDUs and mobile teams: staffing, structure and resource allocation** Ben Messer (Newcastle-upon-Tyne, United Kingdom)	**2227**
14:30	**Are respiratory HDUs and mobile teams cost-effective? Evidence, challenges and future directions** Joanna Luk-Ping Lam (Hong Kong, Hong Kong)	**2228**
14:45	**Discussion and Q&A** All speakers	**2229**

3D Session 180 13:45 - 15:15

Symposium: Tuberculosis vaccines: from the BCG vaccine’s role to next-generation pipeline and public health implications

BCG vaccination and revaccination strategies, the clinical pipeline and consequences for respiratory infection control, immunity and sequelae

Aims : To provide clinicians and researchers with an up-to-date, balanced overview of the role of the BCG vaccine today: who benefits, what the immunological mechanisms are, where might revaccination be indicated and what should be considered in low-incidence settings; to summarise the current global tuberculosis (TB) vaccine pipeline, highlight late-stage candidates and platforms (protein/adjuvant, live-attenuated, viral vectored, mRNA) and explain ongoing trial designs and timelines; to discuss the immunological consequences of TB vaccination at the individual and population levels, including interactions with other respiratory pathogens and potential effects on disease susceptibility/sequelae; to translate evidence into public health and clinical strategies for different settings (high vs low TB incidence, high-risk groups such as people living with HIV, migrants, healthcare workers, neonates); to encourage cross-disciplinary discussion (paediatrics, pulmonology, public health, immunology, basic science) and consider patient perspectives on acceptability and implementation.

Disease(s) : Respiratory infections

Method(s) : Public health

Tag(s) : Translational , Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Patient, Physician in Pulmonary Training, Scientist (basic, translational), Journalist

Chairs : Cristina Vilaplana (Badalona (Barcelona), Spain), Natalie Lorent (Leuven, Belgium), Justine Hamaïde (Paris, Île-de-France, France)

13:45	**The BCG vaccine: yesterday and today** Camille Locht (Lille, France)	**2230**
14:00	**Where we are in the TB vaccine pipeline: candidates, platforms and timelines** Saskia Den Boon (Grand-Saconnex, Switzerland)	**2231**
14:15	**Airway signatures of TB protection and disease progression: lessons for BCG vaccination** Anne O'Garra (London, United Kingdom)	**2232**
14:30	**Implementation, population impact and sequelae: policy, equity and the clinician's view** Zarir Udwadia (Mumbai (Maharashtra), India)	**2233**
14:45	**Discussion and Q&A** All speakers	**2234**

3E Session 181 13:45 - 15:15

Hot topics: Crosstalking circuits of the gut–metabolic–lung–brain axis and shaping injury and repair

Gut–lung–brain communication in lung disease

Aims : To enable participants to critically reassess lung disease as being the result of dynamic inter-organ communication rather than a result of processes confined to the lung, with a specific focus on neuroimmune interactions; to describe the key neuroimmune and microbiome-driven pathways through which signals originating in the brain and gut modulate lung inflammation, injury and repair; to explain how lung diseases can influence distant organs, including the central nervous system and gut-associated immune compartments; to evaluate how targeting extrapulmonary pathways may be leveraged to modulate disease progression and promote repair across acute and chronic lung diseases, including idiopathic pulmonary fibrosis and COPD.

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology Physiology

Tag(s) : Basic science, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Scientist (basic, translational)

Chairs : Stylianos Loukides (Athens, Greece), Manuela Marega (Giessen, Germany), Ekaterina Krauss (Giessen, Germany)

13:45	**Gut-lung dysbiosis as a driver of immune-mediated lung inflammation and injury** Kyle Burrows (Burnaby, Canada)	**2235**
14:00	**Lung-to-brain immune signalling and its impact on neuroinflammation** Francesca Odoardi (Göttingen, Germany)	**2236**
14:15	**Brain-to-lung neuroimmune signalling and its impact on lung inflammation and repair** Kaitlin Murray (Irvine, United States)	**2237**
14:30	**Metabolic links of asthma and diabetes: mechanisms and therapeutic interactions** Mario Cazzola (Roma (RM), Italy)	**2238**
14:45	**Discussion and Q&A** All speakers	**2239**

3F Session 182 13:45 - 15:15

Hot topics: The changing landscape of indications for lung transplantation in adult and children

Aims : To describe the evolution of lung transplantation for both children and adults with advanced lung disease in the modern era, particularly in the last 5–10 years, with a particular emphasis on its relevance for paediatric and adult pulmonologists, lung transplantation physicians and multidisciplinary team members who are interested in gleaning knowledge on recent changes to lung transplantation care, mainly in the context of changing demographics; to assess the changes to indications for lung transplantation given the recent improvements in cystic fibrosis care with highly effective modulator therapy – lung transplants remain a therapeutic option in adults with advanced cystic fibrosis lung disease, and indications for children are conditions such as interstitial lung disease and pulmonary hypertension; to discuss changes in the demographics of lung transplant candidates: paediatric candidates are now younger than before, with more complex needs and more frequently being on some form of mechanical support as bridge to transplant, while adults being referred for lung transplantation are getting older, with lung transplantation having evolved into a geriatric procedure in most Western countries.

Disease(s) : Paediatric respiratory diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Respiratory intensive care Transplantation

Tag(s) : Clinical, Sustainability

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Thoracic surgeon, Respiratory therapist, Pharmacist

Chairs : Marcello Migliore (Riyadh, Saudi Arabia), Federica Meloni (Padova, Italy), Paula Duarte (brasilia, Brazil)

13:45	**Re-evaluating lung transplant indications in view of an ageing population** Jens Gottlieb (Hannover, Germany)	**2240**
14:00	**A new landscape of lung transplantation in children** Christian Benden (Boston, United States)	**2241**
14:15	**Lung transplantation in adults with cystic fibrosis** Letizia Corinna Morlacchi (Milano (MI), Italy)	**2242**
14:30	**Pre- and intraoperative mechanical support in lung transplantation: the surgical challenges** Laurens Ceulemans (Leuven, Belgium)	**2243**
14:45	**Discussion and Q&A** All speakers	**2244**

3G Session 185 14:15 - 15:30

Oral presentation: From mechanisms to management in COPD

Disease(s) : Airway diseases

Method(s) : Epidemiology Imaging Physiology Cell and molecular biology General respiratory patient care Pulmonary function testing

Tag(s) : Clinical, Translational

Chairs : Vladimir Koblizek (Hradec Králové, Czech Republic), Sundeep Santosh Salvi (Pune (Maharashtra), India)

14:15	**Late Breaking Abstract - Tozorakimab Modulates COPD Airway Biology Beyond Type 2 Inflammation: Insights from the Ph2 FRONTIER-4 Study** Giovanna De Palo (Cambridge, United Kingdom), Neha Cheemalavagu, Aoife Kelly, Fred Reid, Hitesh Pandya, Lisa Rydin, Dave Singh, Neil Martin, Daniel Muthas, Zala Jevnikar, Julie Weidner	**OA2249**
14:20	**One third of young adult smokers have “high” sputum MUC5AC concentrations identifying a subset with early COPD-like features: The BEACON Study** James Allinson (London, United Kingdom), Oliver Meldrum, Apolline Marion, Aaron Braddy-Green, Luana Alves-Moreia, Fransiskus Ivan, Tavleen Jaggi, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan McGarvey, Dave Singh, Tom Wilkinson, Andrew Ritchie, Mirco Govoni, Lineu Baldissera, Paul Jones, Hanna Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Eric Hoffman, Sanjay Chotirmall, Jadwiga Wedzicha	**OA2250**
14:25	**Clinical burden and disease trajectories of newly diagnosed COPD: a real-world retrospective analysis of German insurance claims data** Kathrin Kahnert (Germering, Germany), Kai-Michael Beeh, Sabine Bartel, Nils Picker, Nick Jovanoski, Sami Mahrus, Katerina Samara, Johannes Ammann	**OA2251**
14:30	**Heterogeneity of Airway Thickness is an Independent Predictor of All-Cause Mortality; The COPDGene Study** Gregory Kinney (Aurora, United States), David Baragoshi, Kendra Young, Johanna Copeland, Katherine Pratte, Matthew Strand, Enrico Maiorino, Rebecca Conway, David Lynch, Harm Tiddens, Tjeerd van der Veer, Rudolfs Latisenko, Jean-Paul Charbonnier, James Crapo	**OA2252**

14:35	**Structural, inflammatory, and microbiome characteristics of small airway dysfunction in adult smokers with preserved lung function** Yen-Fu Chen (Douliu, Taiwan), Fransiskus Xaverius Ivan, Oliver W. Meldrum, Jayanth Kumar Narayana, Tavleen Kaur Jaggi, Hsin-Han Hou, Ning Chien, Kai-Zen Lu, Ying-Yin Chen, Zheng-Ci Hung, Jung-Yien Chien, Hao-Chien Wang, Sanjay Haresh Chotirmall, Chong-Jen Yu	**OA2253**
14:40	**Baseline COPD subtype is associated with the baseline and 10-year change in bronchial wall thickening across 18 bronchial segmental trees** Gregory Kinney (Aurora, United States), David Baraghoshi, Matthew Strand, Tjeerd van der Veer, Jean-Paul Charbonnier, Rudolfs Latisenko, Harm Tiddens, Kendra Young, David Lynch, James Crapo	**OA2254**
14:45	**Can the ROME COPD exacerbation severity classification identify low risk patients suitable for admission avoidance & discharge?** Caitlin Morgan (Bristol, United Kingdom), Philip Wells, Raquel Granell, Paul White, Catherine Hyams, James W Dodd	**OA2255**
14:50	**Temporal Dynamics of Airway Mucus-Plugs in Ex-Smokers** Sam Tcherner (London, Canada), Eveline Durom, Joshua Peters, Olivia Gater, Grace Parraga	**OA2256**
14:55	**Sex differences in airway mucus plugs: findings from two COPD cohorts** Sofia Mettler (Boston, United States), Ruchita Borgaonkar, Jose Martinez Manzano, Titilope Olanipekun, Scott Grumley, Wei Wang, Andrew Yen, Padma Manapragada, Mostafa Abozeed, Zahid Mohd, James Ross, Sushilkumar Sonavane, Raul San Jose Estepar, Sylvia Ulrich, Christian Clarenbach, Alejandro Diaz	**OA2257**
15:00	**Elevated lung volumes predict future spirometric decline in smokers at risk for COPD with preserved spirometry – data from the LEAD study** Emiel F. M. Wouters (Vienna, Austria), Tobias Mraz, Charmaine Lim, Charles Irvin, Marie-Kathrin Breyer, Robab Breyer-Kohansal	**OA2258**
15:05	**Discussion and Q&A** All speakers	**OA2259**

3H Session 186 14:15 - 15:30

Oral presentation: Environmental and occupational determinants of lung health: a global perspective

Disease(s) : Interstitial lung diseases | Airway diseases | Respiratory critical care

Method(s) : Epidemiology | Public health | Pulmonary function testing | Imaging

Tag(s) : Clinical, Global reach, Prevention

Chairs : Sara De Matteis (Torino, Italy), Orianne Dumas (Villejuif, France)

14:15	**Late Breaking Abstract - Digital Clinical Decision Support for Occupational Asthma: A Validated Prediction Model-Based Mobile Application** Eva Suarthana (Montréal (Québec), Canada), Hille Suojalehto, Hormoz Nassiri Kigloo, Susan M. Tarlo, Christopher Carlsten, Mohsen Sadatsafavi, Catherine Lemiere, Jolanta Walusiak-Skorupa, Bilge Akgündüz, Jacques A Pralong, Gareth Walters, Samuel Wallbanks, Kevin Soon-Keen Lau	**OA2260**
14:20	**Gestational Exposure to Air Pollution and the Risk of Lower Respiratory Tract Infections in Children: Nationwide Register-based Danish Birth Cohort** Jiawei ZHANG (Copenhagen, Denmark), Stéphane Tuffier, Rina So, George Napolitano, Laust Mortensen, Matthias Ketzel, Jørgen Brandt, Lise Frohn, Steffen Loft, Youn-Hee Lim, Erik Melén, Marie Pedersen, Zorana Andersen	**OA2261**
14:25	**Residential greenness and joint trajectories of wheezing, asthma and rhinitis through adulthood: the ECRHS cohort** Marine Savouré (Rennes, France), Martí de las Heras, Sarah Koch, Simone Accordini, Hayat Bentouhami, Lidia Casas Ruiz, Angelo Corsico, Pascal Demoly, Shyamali Dharmage, Francisco Gómez Real, Joachim Heinrich, Mathias Holm, Randi Jacobsen Bertelsen, Christer Janson, Bénédicte Leynaert, Caroline Lodge, Andrei Malinovschi, Alessandro Marcon, Lars Modig, Catherine Neukirch, Dennis Nowak, Nicole Probst-Hensch, Chantal Raherison, Vivi Schlünssen, Valérie Siroux, Giulia Squillacioti, Cecilie Svanes, Elin Helga Thorarinsdottir, Judith Garcia-Aymerich, Elaine Fuertes	**OA2262**
14:30	**Association Between Urbanicity–Cooking Fuel Type and Acute Respiratory Infection Symptoms Among Children Under Two Years across Ten East African countries.** Marta Alina Kisiel (Uppsala, Sweden), Abebayehu N. Yilma, Hannah E. Sauve, Kirstin P. West, Kedir Teji Roba, Temam Beshir Raru, Adriana-Maria Hiller, Kristin K. Sznajder, Axel C. Carlsson	**OA2263**

14:35	**Effects of short- and long-term air pollution exposure on imaging-based emphysema and gas trapping** Soriul Kim (Chuncheon, Republic of Korea), Ki Yeol Lee, Goeun Jung, Won Kyung Kim, Hye Ryeong Nam, Jisun Choi, Chol Shin, Sun-Young Kim	**OA2264**
14:40	**Epidemiological Characteristics And Risk Factors Of Interstitial Lung Abnormalities: A Large-scale Retrospective Cohort Study In China** Yuhui Qiang (Beijing, China), Min Liu, Huaping Dai	**OA2265**
14:45	**Respiratory health of Danish biofuel workers: a 20-year follow-up study** Christine Cramer (Aarhus, Denmark), Akila Muthalagu, Kirsten Østergaard, Victor Carp Kofoed, Anne Mette Madsen, Vivi Schlünssen	**OA2266**
14:50	**Occupational or para-occupational exposure to mining as a risk factor for pulmonary tuberculosis: a multicentric case-control study in the DR Congo** Joseph PYANA KITENGE (Lubumbashi, Democratic Republic of the Congo), Patrick DM. Katoto, Lilian Nsenga Mukanda, Ida Kabeya Mulaji, Celestin Banza Lubaba Nkulu, Jeroen Vanoirbeek, Mohamed Jeebhay, Steven Ronsmans, Benoit Nemery	**OA2267**
14:55	**Occupational exposure to various dust types and lung health status among adults in Nepal - Findings from Nepal Family Cohort Study** Suman Sharma Paudel (Coventry, United Kingdom), Ashesh Dhungana, Nagendra Chaudhary, Robyn Tapp, Prajowl Shrestha, Raju Pangeni, Prashil Raj Dali, Suman Pant, Paramjit Gill, Ioannis Kyrou, Harpal S. Randeva, Om P Kurmi	**OA2268**
15:00	**Abstract Title: Impact of Bushfire smoke on lung function parameters in remote Aboriginal Australians of the Northern Territory, Australia** Ara Joy Perez (Darwin, Australia), Timothy Howarth, Andrew Edwards, Subash Heraganahally	**OA2269**
15:05	**Discussion and Q&A** All speakers	**OA2270**

3I Session 187 14:15 - 15:30

Oral presentation: Every breath matters: innovation, environment and resistance in primary respiratory care

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health Epidemiology

Tag(s) : Clinical, Digital health, Global reach

Chairs : Luke Daines (Edinburgh (Edinburgh), United Kingdom), Izolde Bouloukaki (Heraklion (Crete), Greece)

14:15	**Late Breaking Abstract - Adjuvanted RSVPreF3 vaccine effectiveness against cardiovascular events and disease exacerbations (2023–2025)** David Singer (Brooklyn, United States), Emily K. Horn, Elizabeth La, Andrea Steffens, Susan I. Gerber, Katherine Theiss-Nyland, Maria João Fonseca, Alison Kawai, Ami R. Buikema, Mary G. Johnson, Rui Song, Sarah Hague, Megan Brantly, Ann R. Falsey, Ram Koppaka, Deepak L. Bhatt, J. Bradley Layton	**OA2271**
14:20	**Impact of Recurrent Exacerbations on Multimorbidity Progression in COPD** Hela Cherif (Tunis, Tunisia), Ines Hlel, Ferdaous Yangui, Soumaya Debiche, Mohamed Ridha Charfi, Salma Mokaddem	**OA2272**
14:25	**Developing and Validating the CE-MACE Model to Predict One-Year Major Adverse Cardiovascular Events Post COPD Exacerbation Using Routine Healthcare Data** Ye Wang (Beijing, China), Anne Ioannides, Constantinos Kallis, Jennifer Quint	**OA2273**
14:30	**The Birmingham Lung Improvement Studies (BLISS) prognostic score for predicting respiratory hospitalisations among primary care COPD patients: external validation in CPRD Aurum** Rachel Jordan (Birmingham, United Kingdom), Nicola Adderley, James Martin, Peymane Adab	**OA2274**
14:35	**Challenges and opportunities of COPD provision in primary care in Argentina, Peru and Brazil: Qualitative Exploratory Study. Findings from the Breathe Well South America group** Onaedo Ilozumba (Birmingham, United Kingdom), Ana Soledad Cavallo, Aron Nunez-Curto Sifuentes, Ramiro Fernandez Unsain, Vilma Irazola, Justine Davies, Antonio Bernabe Ortiz, Rachel Jordan	**OA2275**
14:40	**Running on fumes? Community pharmacy engagement project shows inhalers are commonly returned either under or overused: increasing waste, climate impact and clinical risk to patients** Will Carroll (Staffordshire, United Kingdom), Simone Derby, Francis Gilchrist, Sadie Clayton, Aviva Ogbolosingha	**OA2276**

14:45	**Sex differences in clinical care pathways for patients with breathlessness: Real-world analysis of over 25,000 patients from Australian primary care** Christine Jenkins (McMahons Point (NSW), Australia), Bowen Zhou, Allison Martin, Anthony Sunjaya, Anna Campain	**OA2277**
14:50	**Digital decision support using the AsthmaOptimiser improves asthma control in Spanish primary care: the OptimAIR study** Janwillem W. H. Kocks (Groningen, Netherlands), Miguel Román Rodríguez, Silvia Álvarez, Maarten van den Berge, Javiera Corbalán Pössel, Iris van Geer-Postmus, Evelien Harms, Yvette J.M. Jansen, Njira Lugogo, Jiska M. Meijer, Sara Núñez, Laura Otting, Marina García Pardo, Ana María Stok, Jill L. Stuifzand, Nynke Talma, Ana Viejo Casas, Sergio Zunino, Marika T. Leving	**OA2278**
14:55	**Characterization of adult Portuguese asthmatic population by GINA Step – findings from the Epi-Asthma Study** Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Cláudia Bulhões, Cristina Jácome, Dinis Brito, Pedro Teixeira, Janete Quelhas-Santos, Liliana Amorim, Maria João Barbosa, Marina Rodrigues, Diana Gomes, Ana Silva, Filipa Lopes, Ana Margarida Pereira, Marisa Pardal, Filipa Bernardo, Hugo Martinho, João Almeida Fonseca, Jaime Correia de Sousa	**OA2279**
15:00	**Implementing c-reactive protein point-of-care testing to support antimicrobial stewardship for acute respiratory tract infections in primary healthcare in kyrgyz republic: a qualitative study** Maamed Mademilov (Bishkek, Kyrgyzstan), Azamat Akylbekov, Sif Helene Arnold, Elvira Iseava, Nandini Sreenivasan, Ahmad Wesal Zaman, Talant Sooronbaev, Susanne Reventlow, Mette Bech Risør	**OA2280**
15:05	**Discussion and Q&A** All speakers	**OA2281**

3J Session 188 14:15 - 15:30

Oral presentation: Sleep apnoea: physiology, symptoms and treatment

Disease(s) : Sleep and breathing disorders

Method(s) : General respiratory patient care Epidemiology Physiology Public health

Tag(s) : Clinical

Chairs : Michael Cheng (Broadway (NSW), Australia), Renata L. Riha (Edinburgh (Edinburgh), United Kingdom)

14:15	**Late Breaking Abstract - The effect of obesity and sleepiness on blood pressure evolution in patients with obstructive sleep apnoea treated with CPAP: a retrospective analysis of data from randomised controlled trials in the ANDANTE database** Miquel Serna Pascual (London, United Kingdom), Davide Soranna, Antonella Zambon, Carolina Lombardi, Jean-Louis Pepin, Joerg Steier	**OA2282**
14:20	**Long-Term Real-World Evaluation of PAP Utilisation Patterns and Therapy Effectiveness in a Large European Population Using Connected Health Data** Holger Woehrle (Ulm, Germany), Melike Deger, Michael Arzt, Suyog More, Christoph Schoebel, Caleb Woodford, Florian Zeman, Ankit Ghildiyal	**OA2283**
14:25	**Symptomatic response to CPAP as a predictor of cardiovascular benefit in obstructive sleep apnea** Wojciech Trzepizur (Angers, France), Sébastien Bailly, François Goupil, Audrey Thomas, Nicole Meslier, Frédéric Gagnadoux	**OA2284**
14:30	**Solriamfetol initiated for residual sleepiness is not altering continuous positive airway pressure (CPAP) adherence in patients with obstructive sleep apnea (OSA): A French nationwide exhaustive database analysis** Jean-Louis Pépin (Grenoble, France), Karthik Maddi, Sophie Arnaud-Pras, Fernando Osorio, Stephen Deacon, Isabelle Bureau, Stéphane Bouée, Frédéric Gagnadoux	**OA2285**
14:35	**Temporal association of ventricular arrhythmias with nocturnal respiratory events in the general population - a subanalysis of the HypnoLaus study** Katja Onischenko (Regensburg, Germany), Valentin Guenzler, Christoph Fisser, Marjorie Grimm, Ronja Koerner, Anja Zogler, Florian Zeman, Adrien Waeber, Raphaël Heinzer, Michael Arzt	**OA2286**
14:40	**Dynamic variation of OSA endotype expression with sleep stage and body position: association with sleep apnea–specific hypoxic burden** Margaux Blanchard (Angers, France), Venkata Koka, Wojciech Trzepizur, Sandrine Kerbrat, François Goupil, Audrey Thomas, Sébastien Bailly, Frédéric Gagnadoux	**OA2287**
14:45	**Comorbid insomnia and obstructive sleep apnea and incident heart failure: a prospective community-based cohort study** Tang Ningchang (Chengdu, Sichuan, China), Ni Yuenan, Luo Fengming	**OA2288**

14:50	**High Loop Gain Sleep Apnea Predicts Incident Atrial Fibrillation in Community-Based Cohorts** YuTong Hu (Chengdu, China), YueNan Ni, Robert Joseph Thomas	**OA2289**
14:55	**Cheyne stokes respiration tracked by PAP telemonitoring predicts mortality and cardiovascular events in OSA patients.** Arnaud Prigent (Rennes, France), Wojciech Trzepizur, François Goupil, Audrey Thomas, Sandrine Launois, Laurene Leclair-Visonneau, Acya Bizieux-Thaminy, Sandrine Kerbrat, Sebastien Bailly, Frederic Gagnadoux	**OA2290**
15:00	**Evaluating a Digital, Patient Centred Diagnostic Pathway for Sleep Apnoea: A Pan European Randomised Trial from the ESADA-Sleep Revolution network** Ludger Grote (Göteborg, Sweden), Erna Sif Arnardottir, Özen K Basoglu, Maria R Bonsignore, Zoran Dogas, Marta Drummond, Fransesco Fanfulla, Haralampos Gouveris, Carolina Lombardi, Stefan Mihaicuta, Athanasia Pataka, Thomas Penzel, Winfried Randerath, Silke Ryan, Vesa Uitti, Sofia Schiza, Pawel Sliwinski, Richard Staats, Dries Testelmans, Paschalis Steiropoulos, Georgia Trakada, Johan Verbraecken, Sebastien Bailly, ESADA Sleep Revolution Collaborators	**OA2291**
15:05	**Discussion and Q&A** All speakers	**OA2292**

3K Session 189 14:15 - 15:30

Oral presentation: Symptom perception, mental health and self-management in chronic respiratory disease

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Palliative care General respiratory patient care Epidemiology Public health Pulmonary rehabilitation

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Markus Hayden (Bad Reichenhall, Germany), Liz Steed (London, United Kingdom)

14:15	**Late Breaking Abstract - From message to prescription: evaluating impact of personalised communication on influenza vaccination** Kristína Veselá (Bratislava, Slovakia), Martin Selvek, Beáta Saal, Zuzana Horníková, Roman Mužik	**OA2293**
14:20	**Experiences of living with bronchiectasis and influences on patient self-management: a qualitative systematic review** Laura Wilde (Oxford, United Kingdom), Agnieszka Lewko, Lais Caires, Egle Barilaite, Arietta Spinou	**OA2294**
14:25	**Mental Health and Wellbeing in Danish adults with and without asthma - A national recurrent cross -sectional case control study from 2010 to 2021.** Henrik Hansen (Dragør, Denmark), Jeanette Hansen, Christina Nielsen, Charlotte Suppli Ulrik, Nina Godtfredsen	**OA2295**
14:30	**Anxiety in COPD in relation to disease severity: a cross-sectional patient survey across five European countries** Anders Løkke (Vejle, Denmark), Minni R Koivunen, Rikke Ibsen, Line Groth-Pedersen, Jasmijn van Campen, Didier Cataldo, Sigrid A Aalberg Vikjor, Hanna Sandelowsky, Ingeborg Farver-Vestergaard	**OA2296**
14:35	**Ecological momentary assessment to measure diurnal and between-day symptom variability in patients with COPD** Banchia Palmen (Horn, Netherlands), Anouk W Vaes, Qichen Deng, Maarten van Herck, Zjala Ebadi, Melissa SY Thong, Chris Burtin, Jeannette B Peters, Roy TM Sprooten, Erik WMA Bischoff, Emiel FM Wouters, Sarah Houben-Wilke, Daisy JA Janssen, Martijn A Spruit, Yvonne MJ Goërtz	**OA2297**
14:40	**Discordance between perceived symptoms and action plan implementation in patients with COPD: a prospective cohort study** Jin Lee (Jeju, Republic of Korea), Jungin Joo, Seoyoung Choi, Sun Hye Shin, Juhee Cho, Hye Yun Park	**OA2298**
14:45	**Exploring how people with chronic obstructive pulmonary disease experience and deal with disease-related stigma – a qualitative study** Sara Lundell (Umea, Sweden), Anna-Britt Coe, Therese Nordin	**OA2299**
14:50	**The impact of expectations during menthol inhalation for the relief of dyspnoea: a randomised controlled single-blind study** Eleonora Volpato (Graz, Austria), Samantha Piers, Lucas Vanden Bossche, Daniel Langer, Andreas von Leupoldt	**OA2300**

14:55	**Palliative care for hospitalized people with advanced COPD: barriers and facilitators** Marie Van de Walle (Ghent, Belgium), Laure Dombrecht, Csilla Busa, Luc Deliens, Frederick Daenen, Nanna M. Hammer, Pablo Hernández-Marrero, Didar Karadag, Nancy Preston, Julie Stevens, Eef Vanderhelst, Michelle van der Meer, Els Verschuur, Catherine Walshe, Anne B. Wichmann, Kim Beernaert, Eu PAL-COPD Consortium	**OA2301**
15:00	**How are the needs of informal carers of adults with chronic respiratory diseases assessed? - a systematic review of available tools** Raquel Vilar Marinho (Coimbra, Portugal), Guilherme Rodrigues, Ulla Møller Weinreich, J. Joaquim Alvarelhão, Alda Marques	**OA2302**
15:05	**Discussion and Q&A** All speakers	**OA2303**

1A Session 190 14:30 - 15:15

Guidelines session: Management of patients with idiopathic pulmonary fibrosis and lung cancer

ERS clinical practice guidelines

Aims : To provide valuable insights on the management of patients with concomitant idiopathic pulmonary fibrosis (IPF) and lung cancer (LC), with a view to informing future therapeutic trials; to increase awareness of the coexistence of IPF and LC; to discuss incorporating patient values with patient representation; to explore standardising the implementation of preventive strategies potentially having an impact on patients' survival and quality of life.

Disease(s) : Interstitial lung diseases Thoracic oncology

Method(s) : General respiratory patient care Imaging Surgery

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Nurse, Patient, Radiologist, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Jouke T. Annema (Amsterdam, Netherlands), Michael Kreuter (Mainz, Germany), Laura Fabbri (London, United Kingdom)

14:30	**Background of lung cancer in IPF and guideline methodology** Merel Hellemons (Rotterdam, Netherlands)	**2304**
14:35	**Screening for and treatment of early lung cancer in people with IPF** ARGYRIS TZOUVELEKIS (Patras, Greece)	**2305**
14:47	**Treatment of people with IPF and advanced lung cancer** Merel Hellemons (Rotterdam, Netherlands)	**2306**
14:59	**Discussion and Q&A** Merel Hellemons (Rotterdam, Netherlands), ARGYRIS TZOUVELEKIS (Patras, Greece), Daniël Korevaar (Amsterdam, Netherlands), Konstantina Kontogianni (Heidelberg, Germany)	**6738**

3L Session 191 14:30 - 15:15

Pro-Con debate: Treatment escalation after one moderate exacerbation in COPD patients

Aims : To consider the very "controversial" one-exacerbation "treatment" proposed by the Global Initiative for Chronic Obstructive Lung Disease (GOLD) in 2026, by discussing the consequences of treatment escalation after one moderate exacerbation in COPD patients; to critically evaluate whether a single moderate exacerbation justifies intensifying maintenance therapy in patients with COPD, rather than give a simple "yes" or "no" answer, balancing the reduction in future exacerbation risk, the prevention of disease progression, the minimisation of overtreatment and harm, and the cost-effectiveness and alignment with guidelines; to clarify when escalation is beneficial, when it is premature and how to individualise decisions; to clarify risk stratification after a single moderate exacerbation; to define which biomarkers (eosinophils, symptom scores, prior history) matter most; to distinguish between a "signal of progression" and an "isolated event".

Disease(s) : Airway diseases Respiratory critical care Respiratory infections

Method(s) : General respiratory patient care Pulmonary rehabilitation Respiratory intensive care

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Physician in Pulmonary Training, Radiologist, Respiratory physiotherapist, Respiratory therapist, Journalist, Pharmacist

Chairs : Francesca Polverino (Houston, United States), Wim A. Wuyts (Leuven, Belgium), Monika Gappa (Düsseldorf, Germany)

14:30	**Introduction & voting** All speakers	**2307**
14:34	**PRO: treatment should be escalated after one moderate COPD exacerbation** David M. G. Halpin (Exeter, United Kingdom)	**2308**

14:44	**CON: treatment should not be escalated after one moderate COPD exacerbation** Marc Miravitlles (Barcelona, Spain)	**2309**
14:54	**Discussion and Q&A** David M. G. Halpin (Exeter, United Kingdom), Marc Miravitlles (Barcelona, Spain), Vincent Cottin (Lyon, France), Claudia Valenzuela (Madrid, Spain)	**2310**
15:04	**PRO: Rebuttal** David M. G. Halpin (Exeter, United Kingdom)	**2311**
15:07	**CON: Rebuttal** Marc Miravitlles (Barcelona, Spain)	**2312**
15:10	**Voting & Wrap-up** All speakers	**2313**

3.11 Session 192 14:30 - 16:50

Skills workshop: SW4 SW4: Practicalities of pulmonary function testing: spirometry, whole-body plethysmography and diffusion – €

Additional registration is required for this session

Aims : To build the technical expertise needed to perform spirometry, whole-body plethysmography and diffusion tests according to both best practice and the latest recommendations supported by experts in the field; to explain the measurement principles and technical aspects of spirometry, static lung volumes, airway resistance and the diffusion capacity of the lungs; and to explore the standardisation of test performance, reporting and case study interpretation.

Disease(s) : Airway diseases, Paediatric respiratory diseases

Tag(s) : Clinical

Chairs : Matthew Rutter (Cambridge (Cambridgeshire), United Kingdom)

14:30	**Performing spirometry** Lindsay Zurba (Durban, South Africa)	**2314**
14:30	**Standardised static lung volume measurement and airways resistance using whole body plethysmography** Aisling McGowan (Dublin 15, Ireland)	**2315**
14:30	**Measurement of the diffusing capacity of the lungs for carbon monoxide using the single-breath method** Frans H.C. De Jongh (Enschede, Netherlands)	**2316**
14:30	**Reporting and interpretation of case studies** Bruce Thompson (Parkville, Australia)	**2317**

3.14 Session 193 14:30 - 16:50

Skills workshop: SW7 SW7: Early lung cancer interventions – €

Additional registration is required for this session

Aims : To build practical, hands-on competence in the full spectrum of treatment options for early-stage lung cancer; to discuss when and how surgery, endobronchial ablation, stereotactic radiotherapy and/or percutaneous ablation should be applied in real clinical practice; to develop the confidence of participants from various specialities in selecting appropriate therapies, understanding other specialties' interventions, interpreting imaging for procedural planning and performing key technical steps using realistic models and simulations, through immersive, small-group work at four interactive stations; to strengthen multidisciplinary decision-making and procedural readiness and cross-pollinate knowledge across relevant specialties, enabling clinicians to deliver safe, effective and individualised treatment to patients with early-stage disease.

Disease(s) : Thoracic oncology

Tag(s) : Clinical, Prevention

Chairs : Georgia Hardavella (Athens, Greece)

14:30	**Surgical management of early-stage lung cancer** Didier Schneiter (Zürich, Switzerland)	**2318**
14:30	**Endobronchial ablation techniques** Sangita Goel (Cleveland, United States)	**2319**
14:30	**Stereotactic Body Radiotherapy (SBRT) planning** Jonas Willmann (Zurich, Switzerland)	**2320**

14:30	**Percutaneous ablation (microwave, RFA, cryoablation)** Konstantinos Stefanidis (Athens, Greece)	**2321**

1A Session 194 15:30 - 17:00

Hot topics: New developments in respiratory pharmacotherapy: game changers or not?

Aims : To enable participants to evaluate the emerging role of glucagon-like peptide-1 (GLP-1) receptor agonists in the management of obstructive sleep apnoea, including current evidence, patient selection and future clinical implications; to discuss recent advances in non-cystic fibrosis bronchiectasis therapeutics and assess whether current developments represent a major breakthrough or an early stage in treatment evolution; to review the latest therapeutic strategies in interstitial lung disease (ILD), examining the balance between transformative innovation and incremental progress across fibrotic and inflammatory ILD; to explore evolving approaches to chronic cough management, including novel pharmacological therapies, and critically appraise their potential to change clinical practice; to compare emerging respiratory therapies across multiple disease areas to identify common themes, challenges and opportunities in translating innovation into patient care; to consider the future direction of respiratory medicine by reflecting on how new therapeutic developments may influence guidelines, multidisciplinary care and real-world outcomes.

Tag(s) : Clinical

Chairs : Jouke T. Annema (Amsterdam, Netherlands), Michael Kreuter (Mainz, Germany), Laura Fabbri (London, United Kingdom)

15:30	**Obstructive sleep apnoea: are glucagon-like peptide-1 receptor agonists ready for prime time?** Silke Ryan (Dublin, Ireland)	**2322**
15:45	**Non-cystic fibrosis bronchiectasis: breakthrough moment or first step on a long road?** Sanjay Haresh Chotirmall (Singapore, Singapore)	**2323**
16:00	**Interstitial lung disease therapeutics in transition: breakthroughs or incremental progress?** Phil Molyneaux (London, United Kingdom)	**2324**
16:15	**Cough: rethinking management – are emerging therapies true game changers?** Imran Satia (Hamilton, ON, Canada)	**2325**
16:30	**Discussion and Q&A** All speakers	**2326**

3L Session 195 15:30 - 17:00

Symposium: Chronic wet cough in children: early identification, longitudinal risk for adult lung health and opportunities for prevention

Sadoul lecture

Aims : To highlight the significance of chronic wet cough across the lifespan—from early childhood through adolescence and into adulthood—by outlining its impact on children, families, and long-term lung health trajectories; to raise awareness of chronic wet cough within the respiratory community and advocate for its explicit inclusion in early-life respiratory health frameworks, prevention strategies, and long-term disease-modification initiatives; to provide clinicians with an up-to-date synthesis of the science and management of chronic wet cough in children, including current evidence, evolving concepts, and practical guidance for early recognition and intervention.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : General respiratory patient care | Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Pharmacist

Chairs : Francesca Polverino (Houston, United States), Wim A. Wuyts (Leuven, Belgium), Monika Gappa (Düsseldorf, Germany)

15:30	**The mechanisms and science underlying chronic childhood wet cough** Andrew Bush (London, United Kingdom)	**2327**
15:45	**Why chronic wet cough is important in children ? : a patient and parent perspective** Zena Powell (Aylesbury, United Kingdom)	**2328**
16:00	**Protracted bacterial bronchitis (PBB) : an update and future links highlighting bronchiectasis** Oleksandr Mazulov (Vinnytsia, Ukraine)	**2329**
16:15	**Chronic wet cough : from childhood to adults** Anne Chang (Brisbane (QLD), Australia)	**2330**
16:30	**Discussion and Q&A** All speakers	**2331**

3B Session 196 15:30 - 17:00

Symposium: Drug development in pulmonary arterial hypertension: translating bench mechanisms to the patient bedside

Aims : To review recent progress in the development of novel therapies for pulmonary arterial hypertension; to explore patient-centred developments in drug study and clinical practice outcomes; to discuss the gap between efficacy and tolerability seen in therapeutic randomised controlled trials and real-life clinical practice.

Disease(s) : Pulmonary vascular diseases

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Basic science, Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Patient, Physician in Pulmonary Training, Scientist (basic, translational)

Chairs : Mona Lichtblau (Zürich, Switzerland), Marius M. Hoeper (Hannover, Germany), Grazyna Kwapiszewska-Marsh (Graz, Austria)

15:30	**TGF-beta pathway: activin-signalling inhibitors** Vallerie V. McLaughlin (Ann Arbor, United States)	**2332**
15:45	**PDGF pathway: tyrosine kinase inhibitors** Olivier Sitbon (Le Kremlin-Bicêtre, France)	**2333**
16:00	**Patients: PROMs and remote monitoring in PAH** Alex Rothman (Sheffield, United Kingdom)	**2334**
16:15	**From survival to quality of life: a patient perspective on new pulmonary hypertension treatments** Louise Bouman (Brussels, Belgium)	**2335**
16:30	**Discussion and Q&A** All speakers	**2336**

3C Session 197 15:30 - 17:00

Clinical cases: Lungs on fire: Respiratory critical care / Sleep and Breathing disorders

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Respiratory critical care Sleep and breathing disorders

Tag(s) : Clinical

Chairs : João Carlos Winck (Vila Nova de Gaia, Portugal), Anita Simonds (London, United Kingdom), Yuanlin Song (Shanghai, China)

Discussants : Patrick Murphy (London, United Kingdom), Carla Ribeiro (Vila Nova de Gaia, Portugal)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: Y. Abdulrahman (Türkiye)** Carla Ribeiro (Vila Nova de Gaia, Portugal)	**2337**
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: S. Wickramasinghe (Sri Lanka)** Patrick Murphy (London, United Kingdom)	**2338**
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: J. D. Cordero Marquez (Spain)** Carla Ribeiro (Vila Nova de Gaia, Portugal)	**2339**
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: M. Chianese (Italy)** Patrick Murphy (London, United Kingdom)	**2340**

3D Session 198 15:30 - 17:00

Symposium: United in fighting non-tuberculous mycobacterial pulmonary disease
Identify, monitor, treat and prevent: how to improve management

Aims : To review new developments that could improve the management and prognosis of patients with non-tuberculous mycobacterial pulmonary infections; to explore new diagnostic tools and therapeutic decision support, non-antibiotic treatment and the prevention of non-tuberculous mycobacterial infections; to focus on the “host”, to help clinicians to identify who has to be assessed in terms of their immunity and how.

Disease(s) : Respiratory infections

Method(s) : Epidemiology Public health

Tag(s) : Clinical, Prevention

Target audience : Clinical researcher

Chairs : Cristina Vilaplana (Badalona (Barcelona), Spain), Natalie Lorent (Leuven, Belgium), Justine Hamaïde (Paris, Île-de-France, France)

15:30	**Host susceptibility evaluation: what? When ? For whom?** Claire Andrejak (Amiens, France)	**2341**
15:45	**Biomarkers: are they helpful for non-tuberculous mycobacterial pulmonary disease management?** Daniela Maria Cirillo (Milano (MI), Italy)	**2342**
16:00	**Non-antibiotic treatments: do they have a real place in NTM-PD management?** Raquel Duarte (Porto, Portugal)	**2343**
16:15	**Prevention of NTM-PD: is it a dream or an achievable reality?** Kozo Morimoto (Tokyo, Japan)	**2344**
16:30	**Discussion and Q&A** All speakers	**2345**

3E Session 199 15:30 - 17:00

Clinical cases: Clinical challenges beyond guidelines

Aims : To describe the controversial aspects of the current guidelines for interpretive strategies for routine lung function tests, enhanced recovery after lung surgery, COPD, and diagnosis and management of cardiac sarcoidosis; to propose evidence-based substitute management recommendations for clinicians; to identify areas of concern; to highlight the need for further research; to explain the limitations of the guidelines and therefore consider them in the context of clinical practice.

Chairs : Stylianos Loukides (Athens, Greece), Manuela Marega (Giessen, Germany), Ekaterina Krauss (Giessen, Germany)

15:30	**Interpretive strategies for routine lung function tests, including Q&A** Claudio Sorino (Cantù (COMO), Italy)	**2346**
15:52	**Enhanced recovery after lung surgery, including Q&A** H. Volkan Kara (Istanbul, Türkiye)	**2347**
16:14	**GOLD 2026 versus GLI Global for COPD, including Q&A** Sundeep Santosh Salvi (Pune (Maharashtra), India)	**2348**
16:36	**Diagnosis, management and global practices in cardiac imaging for cardiac sarcoidosis, including Q&A** Vasileios Kouranos (London, United Kingdom)	**2349**

3F Session 200 15:30 - 17:00

Mini symposium: Sublobar resection for early-stage lung adenocarcinoma: the debate continues, but is the controversy unresolvable?

Aims : To share news regarding the treatment of initial-stage non-small-cell lung cancer (NSCLC); to explain the results of the Japanese trial; to discuss and evaluate options for what should be done next; to explain that robotic bronchoscopy is emerging as a formidable weapon to treat initial-stage NSCLC.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Surgery

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Pathologist, Patient, Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Marcello Migliore (Riyadh, Saudi Arabia), Federica Meloni (Padova, Italy), Paula Duarte (brasilia, Brazil)

15:30	**Long-term analysis of the JCOG0802/WJOG4607L trial** Hisao Asamura (Tokyo, Japan)	**2350**
15:45	**Which type of resection should be preferred for T1N0M0 NSCLC?** René Horsleben Petersen (Copenhagen, Denmark)	**2351**

16:00	**Precision treatment of clinical stage IA non-small-cell lung cancer: the value of robotic-assisted bronchoscopic microwave ablation** Liqin Xu (San Diego, United States)	**2352**
16:15	**Discussion and Q&A** All speakers	**2353**

3G Session 201 15:45 - 17:00

Symposium: Early career member session

Aims : To address key components of early career development in respiratory medicine, including the impact of artificial intelligence on clinical practice and research, strategies for effective communication with patients and other health care professionals, and how to get involved in the ERS.

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Translational , Sustainability

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Mathieu Marillier (Echirolles, France), Heleen Demeyer (Gent, Belgium)

15:45	**Mina Gaga Lecture** Amy Hai Yan Chan (Auckland, New Zealand)	**2354**
16:00	**AI for early-career clinicians and scientists: what you really need to know** Rainer Gloeckl (Schoenau am Koenigssee, Germany)	**2355**
16:15	**Communicating when it matters most: navigating (mis)information with colleagues and patients** Nicholas Hopkinson (London, United Kingdom)	**2356**
16:30	**Get involved with the ERS to boost your career!** Chiara Premuda (Palermo, Italy)	**2357**
16:45	**Discussion and Q&A** All speakers	**2358**

3H Session 202 15:45 - 17:00

Oral presentation: Advanced insights in pleural disease: from malignancy to management

Disease(s) : Thoracic oncology

Method(s) : General respiratory patient care Imaging Cell and molecular biology Palliative care Physiology

Tag(s) : Clinical

Chairs : Kevin Blyth (Glasgow (Glasgow), United Kingdom), Samira Shojaee (Nashville, United States)

15:45	**Late Breaking Abstract - Feasibility and external validation of the RED score in clinical practice: a multicentre service evaluation** Dheeraj Sethi (London, United Kingdom), Ashnish Sinha, Kheri Warner, Avinash Aujayeb, Mayurun Selvan, Danyal Jajbhay, Rashmalie Peries, Janeth Liang, Junyi Zhang, Apollo Kwok, Alex Bull, Jonathan Le-Crete, Guy Tinson, Alguili Elsheikh, Allan Clarke, Najib Rahman, Eleanor Mishra	**OA2359**
15:50	**A multicentre prospective study to understanding the management basis of pneumothorax after lung biopsy: The PLUMB study** Beenish Iqbal (Oxford, United Kingdom), Joanne Heaton, Amy Bowes, Avinash Aujayeb, Harry Bellenberg, Clare Ross, Usman Khatana, Malik Khan, Fatima Altayeb, Michael Shackcloth, Abdulla Baguneid, Rajini Sudhir, Rakesh Panchal, Gemma Barton, Al-Tahoor Butt, Clarisse Mizzi, Brahman Dharmarajh, Alice Davies, Anna Lithgow, Joyce Cheng, Eleanor Mishra, Badis Al-Harbawi, Mohammed Haris, Shriddha Bhatkal, Rosie Hutchison, Geoffrey Warwick, Ben Pippard, Andrew Stanton, Sulafa Ibrahim, Duneesha De-Fonseka, Kevin Conroy, Ben Prudon, Alguili Elsheikh, Dinesh Addala, Eihab Bedawi, Najib Rahman, Rob Hallifax	**OA2360**
15:55	**Pleural complications including pneumothorax in patients receiving tyrosine kinase inhibitors** Jessica Treves (Cambridge, United Kingdom), Athira Warrier, Jennifer Harrington, Stefan J. Marciniak	**OA2361**
16:00	**''Knowing the unknown'': a systematic review of the literature investigating the optimal management of pneumothorax after CT-guided lung biopsy** Beenish Iqbal (Oxford, United Kingdom), Najib Rahman, Rob Hallifax	**OA2362**

16:05	**^{18}F-FDG PET/CT uptake is a strong prognostic factor in pleural mesothelioma: Evidence from a large, multicenter, real-world cohort study** Vasiliki Panou (Λαμια - ΦΘΙΩΤΙΔΑΣ, Greece), Freja Andreasen, Uffe Bodtger, Karin Armbruster, Christian Borbjerg Laursen1	**OA2363**
16:10	**Low requirement for definitive pleural intervention in malignant pleural effusion (MPE) due to haematological malignancy: a 10-year cohort study** Olivia Walsh (Oxford, United Kingdom), Dinesh Addala, Eihab Bedawi, Graham Collins, Najib Rahman	**OA2364**
16:15	**Results from the UK STREAMLINE Feasibility Randomised Clinical Trial (early pleural biopsy + indwelling pleural catheter in suspected MPE)** Dinesh Addala (Oxford, United Kingdom), Vineeth George, Cyrus Daneshvar, Shahul Khan, Eihab Bedawi, Duneesha de Fonseka, Ellie Daly, Beenish Iqbal, Jody Baxter, Jasmin Sadler-Ladell, Lindsay Uppadine, Emma Hedley, Hema Mall, Alguili Elsheikh, Anand Sundaralingam, Malvika Bhatnagar, Rob Miller, Rob Hallifax, Najib Rahman	**OA2365**
16:20	**Differential effect of biphasic mesothelioma cell conditioned media and patient derived malignant pleural effusion fluid on the permeability of normal mesothelial cell monolayers** Sotirios Sinis (Larissa, Greece), Periklis Marnas, Angeliki Miziou, Eleftherios Papazoglou, Erasmia Rouka, Eleanna Pitaraki, Chrissi Hatzoglou, Konstantinos Gourgoulianis, Charalampos Varsamas, Sotirios Zarogiannis	**OA2366**
16:25	**Fibroblast diversity and stromal signalling in Pleural Mesothelioma** Niki Veale (Cambridge, United Kingdom), Jose A. Valer, Giuseppe Aresu, Adam Peryt, Aman Coonar, Anna Paterson, Robert C. Rintoul, Stefan J. Marciniak	**OA2367**
16:30	**Metabolomic Insights into the Relationship between Sarcopenia and Prognosis of Lung Cancer with Malignant Pleural Effusion** Sufei Wang (wuhan, China), Hui Xia, Ping Luo, Yaqi Cao, Mengjia Yi, Hongxiang Zeng, Mengfei Guo, Yang Jin	**OA2368**
16:35	**Discussion and Q&A** All speakers	**OA2369**

3I Session 203 15:45 - 17:00

Oral presentation: Cystic fibrosis in the precision medicine era

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Physiology Public health Pulmonary function testing Imaging

Tag(s) : Clinical, Translational

Chairs : Bülent Taner Karadag (Istanbul, Türkiye), Kateryna Khromykh (Vinnytsia, Ukraine)

15:45	**Longitudinal functional magnetic resonance imaging to assess cystic fibrosis lung disease** Leonie Marie Busack (Berlin, Germany), Felix Doellinger, Grzegorz Bauman, Eva Steinke, Christine Allomba, Niklas Ziegahn, Alexandra N. Schnorr, Bent R. Fuhlrott, Ayleen Szmala, Renée Zahl, Tobias Penzkofer, Richard Ruppel, Oliver Bieri, Simon Y. Gräber, Stephanie Thee, Marcus A. Mall, Mirjam Stahl	**OA2370**
15:50	**Latent class analysis based lung function trajectories in children and adolescents with cystic fibrosis** Anja Maria Schaffer (Graz, Austria), Robin van the Meeberg, Alana Harper, Faith Mhembere, Hiep Pham, Sarath Ranganathan, Andre Schultz, David G. Hancock, Florian Singer, Kathryn A. Ramsey	**OA2371**
15:55	**Clinical characteristics and longitudinal lung function in people with cystic fibrosis and allergic bronchopulmonary aspergillosis: a multicenter case-control study** Miri Dotan (Petach Tikva, Israel), Shaina Tolkin, Karin Yaacoby-Bianu, Ronen Bar-Yoseph, Michal Gur, Inbal Golan Tripto, Malena Cohen-Cymberknoh, Liad Avneri, Moshe Heching, Huda Mussaffi, Yulia Gendler, Dario Prais	**OA2372**
16:00	**Vaccination Status and Attitudes in Patients with Cystic Fibrosis** Eda Esra Baysal (İstanbul, Türkiye), Gamze Taştan, Şeyda Karabulut, Neval Metin Çakar, Ceren Ayça Yıldız, Müge Merve Akkitap Yiğit, Fulya Özdemircioğlu, Büşra Özgünay, Emre Uğurlu, Gülzar Alışbeyli, Fatma Gafarova, Burcu Uzunoğlu, Cansu Yılmaz Yeğit, Almala Pınar Ergenekon, Yasemin Gökdemir, Ela Erdem Eralp, Fazilet Karakoç, Bülent Karadağ	**OA2373**
16:05	**Validation of an in vitro model for measuring CFTR function using a Ussing chamber on cell cultures of human nasal airway epithelium – a tool for research and personalized treatment in clinical practice** Joerg Grosse-Onnebrink (Münster, Germany), Roshani Singh, Marin Juko, Christina Kessler, Luisa Biebach, Angelika Duebbers, Andre Schramm, Retno Tenardy, Heymut Omran, Wolf-Michael Weber	**OA2374**

16:10	**Real-life effects on structural lung abnormalities after one year treatment with Elexacaftor/Tezacaftor/Ivacaftor in Danish patients with cystic fibrosis. Evaluation of bronchiectasis and bronchial wall thickening** Rikke Mulvad Sandvik (Copenhagen, Denmark), Majbritt Jeppesen, Frederik Fouirnaies Buchvald, Marianne Skov, Hanne Vebert Olesen, Mette Frahm Olsen, Daniel Faurholt-Jepsen, Kim Gjerum Nielsen	**OA2375**
16:15	**LSC - 2026 - Multi-omics profiling links B-cell activation, cytokine signalling, and IgG glycosylation t o CFTR modulator response in cystic fibrosis** Leander Jonckheere (Gent, Belgium), Cedric Bosteels, Iris Janssens, Lorenz Grossar, Yannick Vande Weygaerde, Ken Bracke, Stephanie Van Biervliet, Bart N. Lambrecht, Simon J. Tavernier, Xavier Verhelst, Eva Van Braeckel	**OA2376**
16:20	**The impact of a telemonitoring program on the management of pulmonary exacerbations in patients with Cystic Fibrosis** Elpis Hatziagorou (Thessaloniki, Greece), Syrmo-Styliani Kyrvasili, Elisavet-Anna Chrysochoou, Maria Galogavrou, Athina Sopiadou	**OA2377**
16:25	**Yield of respiratory microbiological surveillance versus exacerbation-driven sampling in children with cystic fibrosis in the CFTR modulator era** Visitation Lesterpearson (Sheffield, United Kingdom), Sonal Kansra	**OA2378**
16:30	**Discussion and Q&A** All speakers	**OA2379**

3J Session 204 15:45 - 17:00

Oral presentation: Clinical and scientific advances in rare lung diseases

Disease(s) : Interstitial lung diseases

Method(s) : Cell and molecular biology Imaging General respiratory patient care Epidemiology Pulmonary function testing

Tag(s) : Clinical, Translational

Chairs : Marta Garcia Moyano (Barakaldo, Spain), Cormac McCarthy (Dublin 4, Ireland)

15:45	**Late Breaking Abstract - Safety, translational biomarkers and lung function with the oral RARβ/γ -selective agonist GRI-0621 in idiopathic pulmonary fibrosis: a Phase 2a randomised, double-blind, placebo-controlled trial (GRI-0621-IPF-02)** Helen Parfrey (Cambridge (Cambridgeshire), United Kingdom), Joanna Porter, Peter Saunders, Nazia Chaudhuri, Nikhil Hirani, Anjali Crawshaw, Michael Gibbons, Aravind Menon, Stuart Schembri, Vipin Kumar, Albert Agro, Marc Hertz	**OA2380**
15:50	**Molgramostim for the treatment of patients with autoimmune pulmonary alveolar proteinosis (aPAP): long-term efficacy and safety results from the open-label period of the IMPALA-2 phase 3 clinical trial** Bruce Trapnell (Cincinnati, United States), Yoshikazu Inoue, Francesco Bonella, Cormac McCarthy, Tisha Wang, Ali Ataya, Brian Robinson, Rosanna Fleming, Raymond Pratt, Yasmine Wasfi	**OA2381**
15:55	**Serum KL-6 levels correlate with fibrosis and disease outcome in patients with pulmonary alveolar proteinosis (PAP)** Francesco Bonella (Essen, Germany), Kimberly Barbet, Eda Boerner, Niels Schröder, Karol Baczec	**OA2382**
16:00	**An International Delphi Survey on Alveolar Macrophage Pneumonia** Marissa O'Callaghan (Rotterdam, Netherlands), Catharina Moor, Loudy Priesterbach-Ackley, Tine Follet, Wim Wuyts, David Murphy, Mariska Rossius, Arlette Odink, Aurelie Fabre, Cormac McCarthy, Jan von der Thüsen, Elisabeth Bendstrup, Merel Hellemons, Marlies Wijsenbeek	**OA2383**
16:05	**Characterisation of blood monocytes by single-cell RNA sequencing and multiparametric spectral flow cytometry in adult patients with isolated pulmonary Langerhans cell histiocytosis.** Abdellatif Tazi (Paris, France), Okan Ayas, Julie Helft, Vassili Soumelis, Amira Benattia, Tom Hutteau-Hamel	**OA2384**
16:10	**Characterising T cell lymphocyte behaviour and immune dysfunction in Lymphangioleiomyomatosis** Donal O'Malley (Dublin, Ireland), Sinem Koc-Gunel, Niamh Boyle, Helen O'Brien, Lisha Joshi, Julie Worrell, Kathyrn Duvall, Atia Batool, Megan McKean, Ronan Murray, Madita Hovel, Alessandro N Franciosi, Michael P Keane, Adam J Byrne, Cormac McCarthy	**OA2385**
16:15	**A single-cell atlas of pulmonary lymphangioleiomyomatosis defines macrophage-driven microenvironmental remodeling and heterogeneous LAM core cells** Longyi Ran (Cheng du, China), Ping Lin, Yu Wang, Zhenru Wu, Yuanming Liu, Feng Lin, Xiaodong Yang, Yujun Shi, Zongan Liang, Faming Jiang, Jiang Faming	**OA2386**

16:20	**Quantitative computed tomography analysis reveals distinct interstitial lung disease phenotypes: acute exacerbation vs progressive fibrosis** Fernanda Ines Hernandez Gonzalez (Barcelona, Spain), Mariasol Martinez Carranza, Juan Pablo Orozco Zapata, Ignacio Español Montero, Joel Francesqui, Sandra Cuerpo, Mariana Benegas, Xavier Alsina-Restoy, Eli Nancy Perez-Rodas, Alejandro Frino-García, Nuria Albacar, Jeisson Ossorio, Jorge Moises, Nestor Soler, Pilar Martinez, Rosanel Amaro, Marcelo Sanchez, Jacobo Sellares	**OA2387**
16:25	**Determining the frequency of and temporal relationship between the development of ILD and vasculitis amongst myeloperoxidase-antineutrophil cytoplasmic antibody positive ILD patients** Matthew Wells (Bristol, United Kingdom), Nixon Leung, Ibrahim Adamali, Giles Dixon, Adrian Heaps, William Cooper, Laura Duerden, Joanna Hardy, Harsha Gunawardena, John Pauling, Huzaifa Adamali, Shaney Barratt	**OA2388**
16:30	**Telomere biology disorders diagnosed from an adult cohort of (familial) pulmonary fibrosis patients: novel genetic findings and clinical presentations** Nathalie Veyt (Leuven, Belgium), Tine Follet, Evelien Van Hoof, Karen Rosier, Anniek Corveleyn, Inge Govaerts, Laurens De Sadeleer, Nico De Crem, Catharina Belge, Isabelle Cleynen, Sascha Vermeer, Wim Wuyts	**OA2389**
16:35	**Discussion and Q&A** All speakers	**OA2390**

3K Session 205 15:45 - 17:00

Oral presentation: Emerging tools and challenges in respiratory physiology

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Physiology Pulmonary function testing Epidemiology Imaging

Tag(s) : Clinical

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Riad Bejta (Budapest, Hungary)

15:45	**Late Breaking Abstract - Selection of reference values for pulmonary function testing in transgender and gender diverse populations** Finn Chilcott (Perth, Australia), Elizabeth Smith, Prarthana Abeyweera, Sunari Kulasekera, Sharon Lagan, Elizabeth Salamon	**OA2391**
15:50	**Considerations to develop Global Lung Function Initiative Reference values for oscillometry** Callan Lavery (Perth, Australia), Sanja Stanojevic, Shannon Simpson, O On behalf of the GLI CRC	**OA2392**
15:55	**Drop in Oscillometry Measurement of Reactance is Associated with Forced Vital Capacity Decline in Idiopathic Pulmonary Fibrosis** Joyce Wu (Toronto, Canada), Jessica Jia-Ni Xu, Matthew Binnie, Shane Shapera, Jolene H. Fisher, Micheal McInnis, Clodagh Ryan, Ella Huszti, Zoltán Hantos, Chung-Wai Chow	**OA2393**
16:00	**Using 129Xe-MRI to define a zone of uncertainty and interpret oscillometry results** Laurie Smith (Sheffield (South Yorkshire), United Kingdom), Sanja Stanojevic, Helen Marshall, Guilhem Collier, Graham Norquay, Bilal Tahir, Ho-Fung Chan, Josh Astley, Latife Hardaker, Hana Mullerova, Rod Hughes, Jim Wild	**OA2394**
16:05	**Benchmarking SSL encoders and spectrogram masking for lung sound abnormality detection** Yunkyong Hyon (Daejeon, Republic of Korea), Yoonjoo Kim, Mi Ra Lee, Taeyoung Ha, Sunju Lee, Junhong Jo, Song I Lee, Chaeuk Chung	**OA2395**
16:10	**Lung volumes measurement with Body plethysmography: Does adding an IVC measurement after the EVC measurement result in a higher TLC?** Miranda Sam - Spitteler (Zwolle, Netherlands), M. Dunnink, H. Grotjohan	**OA2396**
16:15	**Implications of switching from GLI-2012 to GLI-Global reference values for pulmonary function testing (PFT) in people with cystic fibrosis (PwCF)** Saeeda Lone - Latif (Amsterdam, Netherlands), Paulien Linders, Rachel Salvador, Josje Altenburg	**OA2397**
16:20	**Perceived stress and spirometry cooperation in adults undergoing first-time pulmonary function testing** Soumaya Rebay (Ariana, Tunisia), Khouloud Kchaou, Soumaya Khaldi, Saba Boubakri, Yacine Ouahchi	**OA2398**
16:25	**Apprehension and its determinants before undergoing pulmonary function tests (PFT)** Thomas Gille (Bobigny, France), Stéphanie Groutteau, Yousra Ben Ali, Anabel Moreno, Laura Monteiro d'Hzevedo, Marcilia Verrier, Elena Jimenez, Elisabeth Biboko, Gladys Lambeau, Anissa Kherbouche, Heidi Sueur, Corinne Lautredou, Carole Planès, Murielle Letournel, Simon Chauveau, Lucile Sesé	**OA2399**

16:30	**Modifiable risk factors for reduced exercise capacity in adulthood following very preterm birth** Michael Beaven (Perth (WA), Australia), Naomi Chapman, Andrew Maiorana, Elizabeth Smith, Shannon Simpson	**OA2400**
16:35	**Discussion and Q&A** All speakers	**OA2401**

PS-1 Session 219 08:00 - 09:30

Poster session: Respiratory infections: acute disease and long-term sequelae

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Endoscopy and interventional pulmonology Epidemiology Physiology Pulmonary function testing Public health Cell and molecular biology

Tag(s) : Clinical

Chairs : Shailesh Balasaheb Kolekar (Herlev, Denmark), Aleksandra Bełz- Ciszewska (Katowice, Poland), Arianna Andrade Bustamante (Barcelona, Spain)

Late Breaking Abstract - Intrapleural instillation of sodium bicarbonate can effectively treat Pseudomonas aeruginosa-induced pleural infection Jiahui Han (nanning, China), Lilu Shi, Moluyu Wei, Zhijie Wu, Ke Wang	**PA2464**
Efficacy of Inhaled Corticosteroid/Long Acting Beta-agonist on Post Infectious Cough: A Pilot Study Trent Chang-Wei WU (Hsinchu City, Taiwan)	**PA2465**
Longitudinal epigenetic rewiring in lung immune cells in patients with post COVID-19 condition Frida Kristina Nikesjö (Linköping, Sweden), Jelena Smiljanic, Shumaila Sayyab, David Martínez-Enguita, Mika Gustafsson, Martin Rosvall, Kristofer Hedman, Maria Lerm	**PA2466**
Diagnostic and prognostic roles of interferon-λ1 and interferon-λ3 in bronchoalveolar lavage fluid and plasma in non-neutropenic patients with invasive pulmonary aspergillosis Xin Su (Nanjing (Jiangsu), China), Chao Sun, Huanhuan Zhong, Tingting Zhao, Chunlai Feng, Wenkui Sun, Guoer Ma, Yuanqin Li	**PA2467**
The Importance of Autoantibodies in Infective Bronchopulmonary Exacerbations in Bronchiectasis Patients Duncan Sanderson (Perth, United Kingdom), James Chalmers, Amelia Shoemark, Arietta Spinou, Pieter C Goeminne, Michal Shteinberg, Stefano Aliberti, Charles S Haworth, Eva Polverino, Oriol Sibila, Felix C Ringshausen, Raja Dhar, Natalie Lorent, Michael Loebinger, Sanjay Chotirmall, Francesco Blasi	**PA2468**
Clinical and immunological differentiation of suspected pulmonary Tropheryma whipplei infection: a retrospective case-control study based on bronchoalveolar lavage fluid CD4/CD8 ratio Xiaoxi Shan (Tianjin, China), Rui Wang, Meijie Liu, Lixia Dong	**PA2469**
Diagnostic accuracy and impacts of non-bronchoscopic bronchoalveolar lavage on treatment and outcomes of neonates with ventilator-associated pneumonia Ming Horng Tsai (Yunlin, Taiwan), Hsuan-Rong Huang, Shih-Ming Chu	**PA2470**
Invasive pulmonary Aspergillosis in Acute exacerbation of COPD: Predictors of 90-day mortality from a Single-centre retrospective study. Thi Thuy Quynh NGO (Ha Noi, Vietnam)	**PA2471**
Anti-tubercular therapy induced hepatotoxicity in patients with Diabetes mellitus - a prospective cohort study Rohit Kumar (Faridabad, India), Naval K Vikram, Manish Soneja, Piyush Ranjan, Pankaj Jorwal, Neeraj Nischal	**PA2472**
Impact of specialist diabetes consultation on outcomes in hospitalized patients with low respiratory tract infections and diabetes: a retrospective cohort study Giorgia Lüthi-Corridori (Liestal, Switzerland), Matthias Domanski, Fabienne Jaun, Joerg Leuppi, Maria Boesing	**PA2473**
Predictors of in-hospital severity and mortality in patients with Covid-19 Vesela Blagoeva (Plovdiv, Bulgaria), Vladimir Hodzhev, Rositsa Ivancheva	**PA2474**
Antimicrobial Resistance Trends in Severe Community-Acquired Pneumonia Among Military Patients in Ukraine: A 12-Year Retrospective Comparative Study Oksana Viltsaniuk (Vinnytsya, Ukraine), Viktor Sivak, Dmytro Lushnikov, Tatiana Lusak, Yuriy Vovk, Nataliia Sokolovska, Viktoria Martyniuk, Ludmila Bondar, Svitlana Zubchenko, Olena Tkachenko	**PA2475**
Chronic Colonization of the Respiratory Track in Cystic Fibrosis Patients Nataliia Sanina (Dnipro, Ukraine), Bohdana Basina, Tetiana Kirieieva	**PA2476**
Acute Upper Respiratory Tract Infections in Ukrainian Frontline Regions: A Comparative Study Alina Moshchenko (Vinnytsia, Ukraine), Yelyzaveta Beridze, Luiza Herman, Shmyhyrivska Kateryna, Anna Demchuk, Vitalii Poberezhets	**PA2478**

COPD-like symptom phenotype before infection is linked to higher post-acute symptom prevalence after SARS-CoV-2 — **PA2479**
Wei Wei Ee (London, United Kingdom), Michela Antonelli, Claire Steves, Richard Russell, Mona Bafadhel

Characterising Breathing Pattern Disorder within a Long COVID Population — **PA2480**
Michael Broadbery (London, United Kingdom), Polen Bareke, Robert Bell, Rebecca Gore, Toby Hillman, Melissa Heightman, Claire Black, Muhammad Aniq, Rebecca Livingston

Post-COVID small airway disease: diagnostic value of MEF25–75% in routine spirometry — **PA2481**
Nataliia Sanina (Dnipro, Ukraine), Daria Koval, Nataliya Sanina

Distinct Plasma Proteomic Trajectories in Patients with Persistent COVID-19 Symptoms versus Full Recovery: A 2-Year Follow-up Study — **PA2482**
Xiaoying Gu (Beijing, China), Rongling Zhang, Bin Cao

Who stays unwell? Predictors of Persistent Post-COVID-19 Symptom Clusters: A 4-Year Longitudinal Cohort Study — **PA2483**
Anna Sárközi (Debrecen, Hungary), Ilona Tornyi, Edit Nagy, Andras Dubnicz, Ildiko Horvath

PS-10 Session 220 08:00 - 09:30

Poster session: Artificial intelligence-enabled translational tools and intervention support

Disease(s) : Pulmonary vascular diseases | Thoracic oncology | Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Pulmonary function testing | General respiratory patient care | Public health | Endoscopy and interventional pulmonology | Epidemiology | Imaging | Cell and molecular biology | Physiology | Surgery | Respiratory intensive care

Tag(s) : Clinical, Translational , Digital health

Chairs : David Drummond (Paris, France), Federico Giordani (Rome, Italy), Daan Caudri (Rotterdam, Netherlands)

Late Breaking Abstract - Combining an iPSC-derived pulmonary fibrosis onset model with a deep generative neural network for drug discovery — **PA2484**
Anja Schweikert (Dublin, Ireland), Kailu Song, Taylor Adams, Jisha Jasmin, Naftali Kaminski, Jun Ding, Mari Ozaki, Killian Hurley

Employing a commercially available large-languange model-assisted machine learning to identify proteomic biomarkers of emphysema and COPD — **PA2485**
Grgur Salai (Zagreb, Croatia), Ruđer Novak, Stela Hrkač, Václav Pustka, David Potěšil, Zbyněk Zdráhal, Đivo Ljubičić, Lovorka Grgurević

Serum untargeted metabolomics combined with machine learning for biomarker selection in interstitial lung disease — **PA2486**
Qian Jin (Asian, China), Yin Liu, Wenwen Jin, Yuguang Wang

Identification of novel oxidative stress-related biomarkers of Pulmonary arterial hypertension by integrating single-cell RNA sequencing analysis and machine learning — **PA2487**
Qiao Zhou (ChongQingChina, China)

Supervised Machine Learning Models for Predicting Hemodynamic Parameters at First Follow-up Right Heart Catheterization in Pulmonary Arterial Hypertension — **PA2488**
Mira Kramer (Ulm, Germany), Tilmann Kramer

A machine learning-based classification system for evaluating work of breathing from video recordings of preschool children presenting with suspected pneumonia — **PA2489**
Manjith Narayanan (Newcastle-upon-Tyne, United Kingdom), Kian Dehmahdi, Li Pan, Mhairi Paterson, Iona Pearson, Salahuddin Ahmed, Ahad Mahmud Khan, Miguel O. Bernabeu, Mohsen Khadem, Ting Shi

Predicting recurrent asthma exacerbations using machine learning: Model comparison and key determinants in the PharmLines Initiative — **PA2490**
Irene Mommers (Groningen, Netherlands), Maarten Bijlsma, Jens Bos, Judith Vonk, Job van Boven, Eelko Hak, Sumaira Mubarik

Equitable Performance of an AI-Based Digital Biomarker for Early Prediction of Childhood Asthma Exacerbations Across Socioeconomic Strata — **PA2491**
CHUNG-IL WI (Rochester, United States), Shivani Sabarish, David Watson, Madison Beenken, Philip Wheeler, Traci Natoli, Sunghwan Sohn, Elham Sagheb, Mansi Kanuga, Fabrizio Conicella, Siyu Ma, Francesco Bianchi, Brandy Buffington, Young Juhn

Developing and validating a machine learning–based electronic health record-embedded AI model for managing multimorbid hospitalization risk in chronic RESpiratory patients (AiRES) — **PA2492**
Wei Ying TAN (singapore, Singapore), Kelvin Bryan Tan, Tae Yoon Lee, John Arputhan Abisheganaden, David Price, Sean Shao Wei Lam, Sanjay H. Chotirmall, Chin Kook Rhee, Mei Fong Liew, Mariko Siyue Koh, Anthony Ang Yii Chau, Pei Yee Tiew, Chandra Prakash Yadav, Qi Sun, Wenjia Chen

Automated AI-based quantification of pleural effusion volume from lung ultrasound — **PA2493**
Alberto Bottino (Lecce, Italy), Chiara Botrugno, Francesco Conversano, Marco Di Paola, Rocco Morello, Paola Pisani, Sergio Casciaro

Multi-class deep learning–based classification of pleural disease using medical thoracoscopic images — **PA2494**
Seong Hyeon Park (Daejeon, Republic of Korea), Yu Jin Hong, Jong-Yeup Kim, SeHee Ha, Jick Hwan Ha, Hyung Woo Kim, Bo Ra Lee, Sang Hack Lee, Chang Dong Yeo, Joon Young Choi

Development and Validation of a Radiological Fusion Model for Three-Tier Risk Stratification of Lymph Node Metastasis in cT1N0M0 Lung Adenocarcinoma — **PA2495**
Lingqi Gao (Chongqing, China), Wangjia Li, Yuan Li, Fajin Lyu, Min Zhao

Preoperative Prediction of Spread Through Air Spaces in Lung Cancer Using PET/CT Radiomics and Peritumoral Microenvironment Features — **PA2496**
Damla Serçe Unat (Menemen, İzmir, Türkiye), Nurşin Agüloğlu, Ömer Selim Unat, Ayşegül Aksu, Bahar Ağaoğlu, Bahattin Dulkadir, Özer Ozdemir, Nur Yücel, Kenan Can Ceylan, Gülru Polat

EGFR, KRAS mutation, PD-L1 expression status prediction in lung adenocarcinoma with radiomics — **PA2497**
Ádám Domonkos Tárnoki (Budapest, Hungary), István Szabó, Áron Ghimessy, Klára Török, János Szőke, László Báthory-Fülöp, Péter Radeczky, László Agócs, András Benczúr, Csaba Kerepesi, Marcell Mesterházi, Bertalan Tóth, Ferenc Rényi-Vámos, Dávid László Tárnoki

Machine Learning Outperforms Traditional Quantitative Methods for CT-based COPD Diagnosis: An Analysis of the National Lung Cancer Screening Trial — **PA2498**
Charles Hatt (ANN ARBOR, United States), Wassim Labaki, Craig Galban, Ella Kazerooni, Catherine Meldrum, Lantian Xu, Susan Murray, Michael Sjoding, Amanda Cox, Amal Othman, Meilan Han

Bronchial remodeling in severe asthma: quantitative chest CT analysis using artificial intelligence software — **PA2499**
Cristina Bellver (Barcelona, Spain), Mariana Muñoz-Esquerre, Rosa López, Marta Díez, Marta Plana, Sandra Orozco, Pere Trias-Sabrià, Guillermo Suárez-Cuartín, Salud Santos

A multimodal AI-based model to predict the efficacy of airway basal stem cell therapy for respiratory diseases — **PA2500**
Yu Zhao (Shanghai, China), Xiaobo Guo, Ting Zhang, Shiyue Li, Wei Zuo

Automated oxygen titration in a respiratory intermediate care unit - a pilot study with EMILY.AI, a novel agnostic explainable AI-driven oxygen delivery system — **PA2501**
Alba Naya Prieto (Madrid, Spain), Alba Naya, Albert Gabarrús, Marta Serrano, Alejandro Campos, Jorge García Condado, Jordi Ricart, Rodolfo Campos, Daniel Oliva, Antoni Torres, Javier Viaña, Sarah Heili

Elimination of cardiac artifacts from forced oscillatory impedance spectra using artificial intelligence — **PA2502**
Gergely H. Fodor (Szeged, Hungary), Petra Somogyi, Fruzsina Kun-Szabó, Ferenc Peták

AI-assisted automated Ashcroft scoring of lung fibrosis in spirometry-confirmed and bleomycin-induced mouse model of IPF — **PA2503**
Linn Salto Mamsen (Hørsholm, Denmark), Susanne E Pors, Denise Oró, Asbjørn Graver Petersen, Stefanie Korntner, Casper Gravesen Salinas, Henrik Björk Hansen

PS-11 Session 221 08:00 - 09:30

Poster session: What clinicians need to know about sleep apnoea

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Endoscopy and interventional pulmonology Imaging Physiology General respiratory patient care Epidemiology Public health Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Canan Gunduz (İstanbul, Türkiye), Antonio Fabozzi (Rome, Italy), Sébastien Baillieul (Grenoble, France)

Late Breaking Abstract - Obstructive sleep apnea symptom clusters as determinants of coronary artery calcification in a middle-aged Swedish population — **PA2504**
Ding Zou (Gothenburg, Sweden), Daniil Lisik, Viktor Hamrefors, Göran Bergström, Kenneth Caidahl

The modified Baveno classification: first 200 cases of a prospective study Sandhya Matthes (Solingen, Germany), Marcel Treml, Sophia Schiza, Izolde Bouloukaki, Georgia Trakada, Athanasia Pataka, Paschalis Steiropoulos, Dries Testelmans, Alexandros Kalkanis, Johann Verbraecken, Francesco Fanfulla, Carolina Lombardi, Gianfranco Parati, Holger Hein, Stefan Mihaicuta, Özen Basoglu, Sezai Tasbakan, Renaud Tamisier, Sébastien Bailly, Pawel Śliwiński, Esther Schwarz, Margarida Aguiar, Daniela Ferreira, Oana Deleanu, Kristina Ziherl, Marta Drummond, Ludger Grote, Jan Hedner, Walter McNicholas, Winfried Randerath	**PA2505**
Sleep characteristics and response to therapy in obstructive sleep apnea with and without interstitial lung disease Össur Ingi Emilsson (Reykjavik, Iceland), Ívar Sævarsson, Mirjam Ljunggren, Emil Ekbom, Magnus Ekström, Ludger Grote, Andreas Palm	**PA2506**
The association between the STOP-Bang score and the integrated pulmonary index in patients undergoing endobronchial ultrasound with sedation: the STOP OSA-IPI Cohort Study Kübra Güngör (Ankara, Türkiye), Ümran Özden Sertçelik, Mustafa Turker, Ahmet Sertcelik, Ebru Sengul Parlak, Habibe Hezer, Mithat Temizer, Seyhan Yagar, Aysegul Karalezli	**PA2507**
Arousal intensity is associated with daytime sleepiness in adults with coronary artery disease and obstructive sleep apnoea Yüksel Peker (Istanbul, Türkiye), Mohammadreza Hajipour, Ali Azarbarzin	**PA2508**
Hypoxic Burden and Daytime Sleepiness in OSAS: The Role of ODI4 Tommaso Pianigiani (Siena, Italy), Andrea Melani, Laura Bergantini, Paolo Cameli, Elena Bargagli	**PA2509**
DHECA Score: Clinical Scale for CPAP Indication in Sleep Apnea Beyond the Apnea–Hypopnea Index Vanessa Gabriela Del Valle Gómez Siso (madrid, Spain)	**PA2510**
Daridorexant as a novel therapy for chronic insomnia: a systematic review and meta-analysis Maria João Lúcio (Armamar, Portugal), Joana Borges, Marta Drummond	**PA2511**
Heatwave-Level Nocturnal Temperatures Are Associated with Higher OSA Severity and Diagnostic Threshold Crossing Wojciech Trzepizur (Angers, France), Geoffroy Solelhac, Bastien Lechat, Margaux Blanchard, Danny Eckert, Frédéric Gagnadoux, Raphael Heinzer	**PA2512**
Autonomic Dysfunction as a Core Pathophysiological Trait in Asthma-OSA Overlap Syndrome: A Polysomnographic Phenotyping Study Antonio Fabozzi (Rome, Italy), Izolde Bouloukaki, Violeta Moniaki, Eleni Mavroudi, Paolo Palange, Matteo Bonini, Sophia E. Schiza	**PA2513**
Exercise-Derived Autonomic Recovery During CPAP Therapy in Coronary Artery Disease Patients with OSA: Does Sleepiness Matter? Baran Balcan (Istanbul, Türkiye), Helena Glantz, Erik Thunström, Harun Uzel, Ali Azarbarzin, Yuksel Peker	**PA2514**
Evaluation of Sonographic Findings of the Diaphragm in Obstructive Sleep Apnea Syndrome Kübra Taskaraca Karabacak (Ankara, Türkiye), Esra Kulaksız, Fatma Bozdag, Suna Özhan Oktar, Tansu Ulukavak Ciftci	**PA2515**
PSYCHOLOGICAL IMPACT OF INSOMNIA AMONG HEALTHCARE WORKERS IN TUNISIA: DEPRESSION, WELL-BEING AND DAYTIME DYSFUNCTION Mohamed REBEI (sfax, Tunisia), Hana Dhifallah, Mariem Barkallah, Heni Abdelhedi, Nadia Moussa, Sameh Msaad, Rahma Gargouri, Mohamed Rebai, Samy Kammoun	**PA2516**
Preliminary Study on Age-Related Differences in Obstructive Sleep Apnea Phenotypes and Systemic Profiles: A Comparison of Patients Aged ≤35 and ≥65 Years Sinem Nedime Sökücü (Istanbul, Türkiye), Damla Azaklı Yazıcı, Şenay Aydın, Celal Satıcı, Sevgisun Nayki Kıral, Cengiz Özdemir	**PA2517**
Implementation of a structured screening and management pathway for obstructive sleep apnoea in cardiac rehabilitation: a real-world cohort study Gianmarco Cannadoro (Milano, Italy), Marta Lazzeri, Elvia Battaglia, Bruno Bordoni, Simone Bassanini, Fabrizio Calloni, Mattia Capuano, Matteo Gonella, Luca Mapelli, Anita Nutta, Anastasia Toccafondi	**PA2518**
Predicting positive airway pressure adherence in OSA: Role of the Self-Efficacy Measure for Sleep Apnea (SEMSA) questionnaire Cisem Naz Mete (İzmir, Türkiye), Mehmet Sezai Tasbakan, Gizem Alptekin, Nazmiye Ciray, Özen K. Basoglu	**PA2519**

Analysis of the experience of patients with obstructive sleep apnea syndrome and their caregivers based on testimonials from public online forums in France and Germany **PA2520**
Sébastien Baillieul (Grenoble, France), Joëlle Texereau, Léa Imbault, Elie Iatcheva, Henry Taupin, Thierry Baroghel, Michael Arzt

The management of respiratory involvement of facioscapulohumeral muscular dystrophy **PA2521**
Alexander Clark (Manchester, United Kingdom), Harshana Bandara, Mark Roberts, James Lilleker, Andrew Bentley, Andras Bikov

PS-12 Session 222 08:00 - 09:30

Poster session: Biologic therapies in airway diseases: effectiveness, switching and stratification

Disease(s) : Airway diseases

Method(s) : Epidemiology Imaging General respiratory patient care Cell and molecular biology Respiratory intensive care Pulmonary function testing

Tag(s) : Clinical, Translational

Chairs : Bilun Gemicioglu (Istanbul, Türkiye), Augusta Beech (Manchester, United Kingdom), Apostolos Bossios (Stockholm, Sweden)

Late Breaking Abstract - Tozorakimab reduces the number of lung segments with mucus plugs in patients with COPD at high risk of exacerbations: integrated analysis of the replicate OBERON and TITANIA phase 3 studies **PA2522**
George Washko (Boston, United States), Frank C Sciurba, Henrik Watz, Arnaud Bourdin, Dave Singh, Surya P Bhatt, MeiLan Han, Neil Greening, Miranda Kirby, Eleanor Fung, Juan Domingo Gispert, Sarah P Sherlock, Martin Jenkins, Marta Mikosz, Samuel Bardsley, Malin Fagerås, Rajesh Patel, Neil Martin, Ioannis Psallidas

No increase of OCS after real-world dosing interval extension of biologics in severe asthma in the Dutch RAPSODI registry **PA2523**
Camiel J M Marijnissen (Leiden, Netherlands), Jacob K Sont, Michel W J M Wouters, Johannes A Kroes, Maarten J van Bezouw, Bart Hilvering, Gert-Jan Braunstahl, Anneke ten Brinke

Biologic Switching in Severe Asthma: a Systematic Review and Meta-analysis of Real-world Outcomes **PA2524**
Yashasvi Srivastava (Ivano-Frankivsk, Ukraine), Shankar Biswas, Ayman Hamadttu, Anagha Shankar, Lester Thomas D Costa

Etiological classification of chronic obstructive pulmonary disease: real-world application of the 2022 lancet commission recommendations **PA2525**
Elif Selçuk (Ankara, Türkiye), Gözde Mit, Mustafa Ersözlü, Elif Akıncı, Derya Gökmen, Elif Şen

Comparative Efficacy of Anti-interleukin 5/5Rα Biologics in Severe Asthma Stratified by Blood Eosinophil Count: A Systematic Review and Network Meta-analysis **PA2526**
Jun Chen (Chengdu, China), Yutian Zhang, Tao Wang, Fuqiang Wen

Effectiveness of tezepelumab as a second-line biologic in patients with severe asthma in the UK **PA2527**
Peer Ameen Shah (Leicester, United Kingdom), Sara Maggioni, Francesco Ardesi, Claire Boddy, Peter Bradding, Ruth H. Green, Anna Murphy, Shamsa Naveed, Dominick Shaw, Sarah Diver, Christopher E. Brightling

Long-term changes in inhaled corticosteroid doses in patients with severe asthma on biologics **PA2528**
Ngu Wah Khine (Southampton, United Kingdom), Jane Phillips, Chellan Eames, Sumita Kerley, Ma Pantaleon, Elenor Rayala-Montaniel, Peter Cook, Jodi McCreery, Anna Freeman, HansMichael Haitchi, Ramesh Kurukulaaratchy, Paddy Dennison, Hitasha Rupani

Comparing AI and MDT for biologic treatment decisions in severe uncontrolled asthma **PA2529**
Philipp Suter (Dundee, United Kingdom), Robert Greig, Rory Chan, Tom Fardon, Paul Cadden, Arlene Shaw, Brian J Lipworth

Baseline characteristics of patients with severe eosinophilic asthma (SEA) enrolled in the CHINOOK study, evaluating the effects of benralizumab on airway structure and lung fuction **PA2530**
Celeste Michala Porsbjerg (Copenhagen, Denmark), Mario Castro, Maria Jison, Lena Börjesson Sjö, Tomasz Durżyński, Lars Nordenmark, Gonzalo Vegas, Maura Gatti, Chris Nazaroff, Njira L. Lugogo, Christopher E. Brightling

Efficacy of Anti-IL-5 Agents as Induction Therapy in Patients with Eosinophilic Granulomatosis with Polyangiitis **PA2531**
Nestor Luis Rodriguez Melean (Madrid, Spain), Daniel Laorden, David Romero, Ana Noblejas, María Aguilar, Gabriela Castro, Gema Bonilla, Leticia De las Vecillas, Luis Gómez-Carrera, Javier Dominguez-Ortega, Juan José Ríos, Belén Gutiérrez-Sancerni, Elena Villamañán, Andrea Trisán, Jose Carlos Gordillo, Itsaso Losantos, Ignacio Robles, Carolina Alfonso, Eusebi Chiner, Rodolfo Álvarez-Sala, Ignacio Boira

Clinical effects of biological therapy in allergic bronchopulmonary mycosis **PA2532**
NAOMI TSURIKISAWA (Yokohama, Japan), Yuga Yamashita, Sachiko Takaoka, Takuya Nakashima, Kaho Matsunaga, Atsushi Miyasaka, Tatsuya Muraoka, Takeshi Kaneko

Safety, effectiveness, and usability of subcutaneous mepolizumab autoinjector in adults with severe asthma with an eosinophilic phenotype (SAEP) in India **PA2533**
Krunal Dalal (mumbai, India), Venkata Nagarjuna Maturu, Pc Kathuria, Arun Chowdary Kotaru, Pooja Deb, Sanket Sawant, Bharathi R, Shalini Menon

Cost, time and carbon footprint reduction in a hub and spoke model for asthma biologic therapy compared to standard tertiary care **PA2534**
Thomas Constandinou (Hove, United Kingdom), Jack Leach, Bikash Gurung, Jennifer Beaumont, Catherine Sauka, Patricia Trindade, Irene Berrar-Torre, Pujan Patel, Harpreet Ranu

Real-world adherence and clinical outcomes of home-administered biologics in severe asthma **PA2535**
Maria Lages (Faro, Portugal), Vanda Areias, Marta Pereira, Rita Gonçalves, Ulisses Brito

STRIDE-A: A validated self-controlled study aligned with reimbursement decisions and patient priorities to evaluate depemokimab outcomes in patients with type 2 asthma in the real world **PA2536**
Saeed Noibi (Jeddah, Saudi Arabia), Brian D Modena, Lydia Demetriou, Luz-Adriana Jimenez, Zhaonan Sun, Leena Camadoo-O'Byrne, Jessica Schubert, Sam Birleson, Claire Tacon

Effectiveness and Safety of Tezepelumab in a severe asthma population with anxiety and depression: Initial results of the EMOTION Study **PA2537**
Ioannis Christopoulos (Patra, Greece), Dimitrios Komninos, Georgios Tsirikos, Panagiota Tsiri, Vasiliva Sotiropoulou, Elektra Koulousousa, Eva Theohari, Fotini Tryfona, Dionysios Papalexatos, Antonios Christopoulos, Argyrios Tzouvelekis

Mepolizumab for refractory Allergic Bronchopulmonary Aspergillosis (ABPA): A real world 6-month prospective follow-up experience **PA2538**
Pranzal Garg (West Delhi, India), Dipti Gothi, Ganjam Yasaswini, Umesh Chandra Ojha, Sanket Joshi

Shaping proactive asthma care: Early biologic intervention trial landscape and insights from the MODIFY study with depemokimab **PA2539**
Liam G. Heaney (Belfast (Belfast), United Kingdom), Matteo Bonini, Simon Couillard, Nicolas Lecrenier, Anna Vichiendilokkul, David Muccino, Richard Forth, Peter Howarth, Njira L. Lugogo, Ian Pavord

Clinical response by baseline EOS and change in FeNO following benralizumab treatment in Chinese patients (pts) with severe eosinophilic asthma (SEA) on medium- or high-dose (MD/HD) ICS-LABA: Interim analysis of the phase 3b STEP study **PA2540**
Min Zhang (Shanghai, China), Huahao Shen, Huaqiong Huang, Wuping Bao, Meiling Jin, Xiuwei Zhang, Hong Zhang, Bin Wang, Li Lin, Li Yu, Yun Liu, Jingmin Deng

Differential effects of dupilumab in women and men with severe uncontrolled asthma **PA2541**
David Echavarria (Sevilla, Spain), Belen Muñoz, Antonio Leon, Maria Luisa Polonio, Andrea Sanchez, Juan Francisco Medina, Marta Ferrer, Francisco Javier Álvarez, Maria Auxiliadora Romero

PS-13 Session 223 08:00 - 09:30

Poster session: Biologic therapies in COPD: emerging evidence and clinical applications

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology Pulmonary function testing Respiratory intensive care Physiology

Tag(s) : Clinical, Translational

Chairs : Santi Nolasco (Catania, Italy), Surya Bhatt (Birmingham, United States), Rory Chan (Glasgow, United Kingdom)

Late Breaking Abstract - Pharmacokinetics and pharmacodynamics of ATI-052, a novel bispecific anti -TSLP/IL-4Ra antibody: results from a first-in-human Phase 1a single and multiple ascending dose study **PA2542**
Jesse Hall (La Jolla, United States), Chris Brightling, Nancy McGraw, Zachary Bradley, Stephanie Knapik, Shu-Wen Teng, Aparna Kaul, Roland Kolbeck, Neal Walker, Hugh Davis

Eligibility for Dupilumab in patients with chronic obstructive pulmonary disease (COPD): identification in a UK community respiratory integrated care population. **PA2543**
Matthew Shorthose (Taunton, United Kingdom), Si Yin Kok, Tzu-Yu Tai, Victoria Melhuish, Melanie Quinn, Lesley Bishop, Dinesh Shrikrishna

Eligibility for biological treatments in COPD patients experiencing a severe COPD exacerbation Agamemnon Bakakos (Athens, Greece), Stavroula Zaneli, Konstantinos Bartziokas, Kyriaki Cholidou, Nektarios Anagnostopoulos, Angelos Vontetsianos, Christina Anagnostopoulou, Nikoletta Rovina, Nikolaos Chynkiamis, Anastasia Papaporfyriou, Georgios Zakynthinos, Evangelos Oikonomou, Petros Bakakos, Andriana Papaioannou	**PA2544**
Beyond Clinical Trials: Multicenter Real-World Experience with Dupilumab in Advanced Eosinophilic COPD Raffaele Sglavo (Roma (RM), Italy), Pier-Valerio Mari, Davide Onofrio Fontana, David Selvaggio, Angelo Coppola, Alessandro D'Occhio, Alberto Ricci, Giorgia Gencarelli, Fatima Maurizi, Panaiotis Finamore, Armando Edoardo Ibello, Cristiano Caruso, Veronica Ojetti, Loreta Di Michele	**PA2545**
The efficacy of astegolimab on healthcare resource utilisation- (HCRU) and EXAcerbation of Chronic Pulmonary Disease Tool- (EXACT) defined COPD exacerbations Ethan Ashby (San Francisco, United States), Jingxuan He, Jacob Devine, Alexander Mackay, Seppi Lin, Julie Ng, Yixuan Zou, Jadwiga Wedzicha	**PA2546**
Clinical characteristics and efficacy in COPD patients treated with dupilumab: A real-world study Xuefei Liu (Shanghai, China), Tong Su, Jingwen Huang, Qianqian Zhao, Jiaxin Tian, Min Zhou	**PA2547**
FeNO as an additional biomarker and change in quality of life in patients with COPD: BOREAS and NOTUS Sanjay Ramakrishnan (Perth, Australia), Simon Couillard, Ian D. Pavord, Klaus F. Rabe, Yunus Çolak, Gaëtan Deslée, Yoko Shibata, Hanna Sandelowsky, Amy J. Pitts, Isabelle Malbouisson, Catherine K. Beaumier, Nicola A. Hanania	**PA2548**
Dupilumab delays onset of first and recurrent exacerbations in patients with COPD Wim Janssens (Leuven, Belgium), Guy Brusselle, Mohit Bhutani, Nicolas Roche, Jinping Zheng, Shigeo Muro, Jadwiga Wedzicha, Bassam Mahboub, Amy Pitts, Danen Cunoosamy, Mena Soliman, Sanjay Ramakrishnan	**PA2549**
Neutrophil-to-lymphocyte ratio and exacerbation correlation in chronic obstructive pulmonary disease: data from BOREAS and NOTUS Klaus F. Rabe (Kiel, Germany), Dave Singh, Gerard J. Criner, Jessica Bon, Surya P. Bhatt, Frank C. Sciurba, Yuanlin Song, Riyad Al Lehebi, Changming Xia, Danen M. Cunoosamy, Mena Soliman, Mona Bafadhel	**PA2550**
Dupilumab reduces exacerbations regardless of season in patients with chronic obstructive pulmonary disease Gerard J. Criner (Philadelphia, PA, United States), Tom Wilkinson, Frank Sciurba, Nirupama Putcha, Mohit Bhutani, Surya Bhatt, Fuqiang Wen, Richard Russell, Amy Pitts, Isabelle Malbouisson, Catherine Beaumier, Klaus Rabe	**PA2551**
Exploratory eosinophil biomarker analysis from the Phase IIb ALIENTO and Phase III ARNASA trials of astegolimab in COPD Mona Bafadhel (London, United Kingdom), Michele Grimbaldeston, Yixuan Zou, Rebecca Saenz, Felicity Rowley, MeiLan K. Han, Jadwiga Wedzicha, Claus F. Vogelmeier, Christopher Brightling, Alberto Papi, Bartolome Celli, Neil MacIntyre, Charlotte E. Bolton, Katerina Samara, Nicolas Roche	**PA2552**
Real-world effectiveness of T2-targeted biologics in patients with chronic obstructive pulmonary disease (COPD) Colas TCHERAKIAN (Suresnes Cedex, France), Léa Rieau Artur, Céline Goyard, Emilie Catherinot, Alexandre Chabrol, Hélène Salvator, Elisabeth Rivaud, Olivier Brugière, Antoine Magnan	**PA2553**
Dupilumab for COPD with Type 2 Inflammation: Real-world outcomes from the Portuguese Early Access Program Filipa Costa (Coimbra, Portugal), João Pedro Neiva Machado, Cidália Rodrigues, Ana Raquel Marçôa, Ricardo Lima, Paula Simão, Daniel Reis, Ana Luísa Ramos, João Parreira, Ana Filipa Costa, Bruno Cabrita, João Rodrigues, Alexandra Mineiro, Francisco Martins, Isabel Ruivo, Tânia Marques, Bárbara Rodrigues, Paula Pinto, Maria Jacob, Sofia Lopes, Rita Boaventura, Daniel Duarte, Carina Silvestre, Pedro Barros	**PA2554**
Mepolizumab reduces moderate or severe exacerbations in patients with COPD irrespective of baseline smoking status: Pooled Phase III trial results Claus F. Vogelmeier (Marburg, Germany), Joshua Wald, Antonio R Anzueto, Nicolas Roche, Steven Gould, Stefanie Kolterer, Arunangshu Biswas, Joel Schamroth	**PA2555**
Effectiveness of Tezepelumab in Severe Uncontrolled Asthma: 12-Month Follow-up. ADVANCAT (Advancing Severe Asthma Care with Tezepelumab in Catalonia) Ebymar Arismendi (Vilassar de Dalt, Barcelona, Spain), María Basagaña, Astrid Crespo-Lessmann, Olga Luengo, Carlos Martínez-Rivera, Mariana Muñoz-Esquerre, Iñigo Ojanguren, Marina Paredes, María Florencia Pilia, Xavier Muñoz	**PA2556**

Mepolizumab lowers COPD exacerbations independent of baseline St George Respiratory Questionnaire total score value — **PA2557**
Frank Sciurba (Pittsburgh, United States), Henrik Watz, Alberto Papi, Fernando Martinez, Steven Gould, Stefanie Kolterer, Arunangshu Biswas, Joel Schamroth

Tozorakimab restores epithelial dysfunction in COPD — **PA2558**
Ferda Oeztuerk-Winder (Cambridge, United Kingdom), Owen Wyatt, Megan Webster, David C. Mansfield, Katherine Stephenson, Andie Colinson, Gareth D. Rees, Catherine C. Huntington, Xavier Romero Ros, Sam Strickson, E. Suzanne Cohen

Type 2 COPD in a National Cohort - Characteristics, Treatment Trends, and Gaps in Care — **PA2559**
Amir Bar-Shai (Tel-Aviv, Israel), Ophir Freund, Vered Rosenberg, Sarah Moser, Gabriel Chodick, Yogev Yonatan, Sivan Gazit, Nimrod Urtreger, Doron Cohn-Schwartz

Effects of anti-TSLP therapy combined with aerobic exercise on lung inflammation in an experimental model of asthma-COPD overlap (ACO) — **PA2560**
Francine Maria Almeida (São Paulo (SP), Brazil), Alyne Riani Moreira, Camila Uchoa Silva, Franciele Jesus Lima, Leonardo Falcão Carvalho, Beatriz Mangueira Saraiva-Romanholo, Fernanda Degobbi Quirino Santos Lopes, Iolanda Fátima Lopes Calvo Tibério

Twice-yearly depemokimab demonstrates early and sustained improvements in peak expiratory flow and daily asthma symptoms in patients with uncontrolled asthma over 52 weeks in SWIFT-1/-2 — **PA2561**
Arnaud Bourdin (Montpellier, France), Rohit K Katial, Sameer Mathur, Nicholas Bird, Loretta Jacques, Claire Tacon, Andrew Platt, Ian D Pavord

PS-14 Session 224 08:00 - 09:30

Poster session: Optimising inhalation therapy in airway diseases: devices, components, technique s and adherence

Disease(s) : Respiratory critical care | Airway diseases

Method(s) : Respiratory intensive care | General respiratory patient care | Physiology | Epidemiology | Cell and molecular biology | Pulmonary function testing | Imaging | Public health

Tag(s) : Clinical

Chairs : Thérèse Lapperre (Edegem, Belgium), Mansoor Hameed (Doha, Qatar), Sachin Ananth (London, United Kingdom)

Late Breaking Abstract - A Dose-Ranging Study of the Novel PDE3/4 Inhibitor HSK39004 in Patients with COPD Receiving Maintenance Single or Dual Bronchodilators — **PA2562**
Lixiu He (Chengdu (Sichuan), China), Fengming Luo, Zhu Luo, Ling Yang, Fengming Luo

In vitro evaluation of a novel high-concentration oxygen nebulizer mask: aerosol performance compared to a conventional system — **PA2563**
Yi-Xian Zhong (Taichung City, Taiwan), Tsu-Ting Liao, Chen-Wei Hung, Yi-Fang Chen, Yia-Ting Li

The role of OPEP in patients with COPD: a non-pharmacological interventional study — **PA2564**
Juliano Colapelle (Montréal, Canada), Seyed Nabavi, Armita Kalani, Robert Dubé, Dan Nguyen, Bryan Ross

Impact of Compressor Nebulization on Morphological and Immunophenotypic Characteristics of MSC–Derived Exosomes — **PA2565**
Mykola Gumeniuk (Kyiv, Ukraine), Dmytro Pykhtieiev, Olexandr Dziublyk, Olena Bororova, Galyna Gumeniuk, Yuliia Khmelnytska

Lung deposition distribution of two triple combination pMDI aerosol drugs — **PA2566**
Árpád Farkas (Budapest, Hungary), Attila Nagy, Balázs Sánta, András Keglevich, Etelka Nagy, Tamás Kovács, Alpár Horváth

Comparative particle size and distribution from fixed dose dry powder triple inhalers — **PA2567**
Brian J. Lipworth (Dundee (Angus), United Kingdom), Alessio Piraino, Ruben Agazzi, Enrico Zambelli, Roberto Pizzoccheri, Laura Franzini

Use of in silico deposition models to highlight the importance of breath holding manoeuvre, coordination and aerosol droplet distribution for pressurized metered dose inhalers — **PA2568**
Andrea Benassi (Parma, Italy), Georgi Hristov Spasov, Alessio Piraino, Laura Franzini

Deposition of three dry powder aerosol drugs in the airways of severe asthma patients undergoing biological therapy — **PA2569**
Árpád Farkas (Budapest, Hungary), Alpár Horváth, János Varga, Izolda Réti, Botond Havadtői, Norbert Ilyés, Balázs Sánta, Gabriella Gálffy

Optimizing inhalation technique beyond inspiratory muscle strength: a real-life study using an aerosol inhalation training monitor. **PA2570**
Jose Daniel Cordero Marquez (Madrid, Spain), Stephany Ivonne Briones Alvarado, Angela Gómez Sacristan, Raquel Terán Marcos, Silvia González Pereiro, Juan Antonio Cañote Cubas, Melissa Andrea Sanjuanelo Muñoz, Marta Guajardo Madorrán, Luis Puente Maestu, Walther Ivan Giron Matute

Comparison of Inhaler Adherence in Patients with COPD Receiving Triple Therapy via Single or Multiple Inhaler Devices **PA2571**
Muzaffer Onur Turan (Izmir, Türkiye), Turkish Respiratory Society COPD Inhaler Adherence Study Group

Efficacy and population PK model of inhaled AERO-007 (indacaterol/glycopyrrolate), a nebulized once daily LABA+LAMA combination therapy for patients with COPD **PA2572**
Ahmet Tutuncu (La Jolla, United States), Jürgen Bulitta, Ralph Niven, Nicola A. Hanania, Fernando J. Martinez, Dave Singh

Beyond Peak Inspiratory Flow: Characterising Inhalation Dynamics Across Dry Powder Inhaler Resistances in Asthma and COPD **PA2573**
Monbi Stefanova Chakma (London, United Kingdom), Sally Meah, Martyn Biddiscombe, Darragh Murnane, Omar S Usmani

Coarse Particle Mass Deposition from Trimbow MDI and Trelegy DPI: In Vitro Comparison and Implications for Oropharyngeal and Oral Side Effects **PA2574**
Mark Nagel (London (ON), Canada), Rubina Ali, Jason Suggett

TRIMAXIMIZE: an interim assessment on adherence in Italy **PA2575**
Giovanna Elisiana Carpagnano (Bari, Italy), Walter Castellani, Giulia Scioscia, Cecilia Calabrese, Stefano Del Giacco, Anna Stanziola, Eleonora Ingrassia, Giorgia Sedda, Sonia Di Ciaccio, Gherardo Siscaro, Fulvio Braido

Lung delivery of salbutamol at varying application forces from two pediatric valved holding chamber facemask systems show no predictable differences **PA2576**
Rodrigo Torres Castro (Santiago, Chile), Luis Vasconcello-Castillo, Matías Otto-Yáñez

Inhaler-specific drug therapy problems in COPD **PA2577**
Fatma Şevval Ünal (Mersin, Türkiye), Demet Polat Yuluğ, Sibel Naycı, Burcu Ozaltın, Oya Baydar Toprak, Efraim Guzel, Orkun Eray Terzi, Gokce Kulah, Seyma Baslılar, Emine Sena Bozkurt, Deniz Çelik, Aysu Sinem Koç, Halime Mualla Vatansever, Seyma Tunc, Neslihan Kose Kabil, Esra Temel, Nazife Balci Saygili, Hatice Kiliç, Gozde Öksuzler Kizilbay, Umran Ozden Sertcelik, Alev Gurgun, Julide Celdir Emre, Latif Alperen Ozdemir, Dilara Oner Topcu, Elif Sen, Elif Selcuk, Gozde Mit, Hasan Demir, Yelda Varol, Seher Ogutlu Demirtas, Serife Kaya, Buket Mermit, Ege Gulec Balbay, Ozlem Ataoglu, Burcu Oztur Sahin, Cansu Yaman, Nurdan Kokturk, Nazrin Salimzade, Furkan Kucuk, Sadettin Dolar, Esra Arslan Aksu, Serife Demir Aktepe, Ramazan Eren, Yelda Niksaroglu, Ahmet Melih Sahin, Eylem Sercan Ozgur

Treatment adherence improvement in COPD patients after initiation of Extrafine Beclometasone Dipropionate, Formoterol, and Glycopyrronium in DPI formulation: results from the RESPONSE study. **PA2578**
Rosen Petkov (Sofia, Bulgaria), Evgeni Mekov, Teodora Mihalova, Matevz Harlander, Samuel Genzor, Neli Rodopska, Ildikó Horváth

Disease knowledge and self-management skills in patients with COPD and asthma in Belgium: The EduLung study **PA2579**
Joke Goethals (Antwerp, Belgium), Thérèse Lapperre, Katrien Eger

Effects of switching to extrafine medium strength triple therapy versus escalation of high strength dual-therapy regimen in patients with asthma or asthma-COPD overlap previously treated with medium-strength dual therapy **PA2580**
David Price (Singapore, Singapore), Guy Brusselle, Christopher Grainge, Luca Di Palma, Alessio Piraino, Victoria Carter, Ulrica Scaffidi-Argentina, Laura Franzini, Alicia Gayle, William Henley, Derek Skinner, Adam Streeter, Dave Singh, Nicolas Roche

Short-term changes in clinical control after inhaled therapy simplification in COPD **PA2581**
Gianna Vargas Centanaro (Madrid, Spain), Soha Esmaili, Juan Luis Rodriguez Hermosa, Iman Esmaili, Medardo Montenegro, Myriam Calle Rubio

PS-15 Session 225 08:00 - 09:30

Poster session: When COPD exacerbations change the game

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Imaging Cell and molecular biology Physiology Respiratory intensive care

Tag(s) : Clinical

Chairs : Samuel Genzor (Olomouc, Czech Republic), Antonio Spanevello (Milano, Italy), Sofia Mettler (Boston, United States)

GOLD 2026: Redefinition of the exacerbator phenotype in COPD and its clinical and prognostic impact in a hospital-based cohort. Cristian Amaral De Sousa (Madrid, Spain), Maria Moreno Justicia, Elena López González, Mayra Jiménez Méndez, Andrea Carillo Pérez, Lara Bravo Quiroga	**PA2583**
Aortic and coronary atherosclerosis on chest CT and its association with the frequent exacerbator phenotype in COPD. Cristian Amaral De Sousa (Madrid, Spain), Lara Bravo Quiroga, María Moreno Justicia, Elena López González, Mayra Jiménez Méndez, Rulber Duque Alzate	**PA2584**
Late Breaking Abstract - Integrated metagenomic and metabolomic profiling identifies severity-specific gut microbiota signatures across A-B-E phenotypes in clinically stable COPD Ziting Liang, Renyang Tong, Xiaoshuang Lyu, Li An, Zhaohui Tong, Chao Ren	**PA2582**
Predictive value of baseline patient characteristics for one-year mortality following acute exacerbation of Chronic Obstructive Pulmonary Disease (AECOPD) Pouria Khashayar (Stevenage, United Kingdom), Pouria Khashayar, Manivannan Srinivannan, Kenneth Spearpoint, Mahar Awan, Priyanka Oza, Thida Win	**PA2585**
Independent predictors of one-year mortality in hospitalised AECOPD Pouria Khashayar (Stevenage, United Kingdom), Manivannan Srinivasan, Kenneth Spearpoint, Mahar Awan, Priyanka Oza, Thida Win	**PA2586**
From lab to prognosis: blood-based predictors of all-cause mortality in AECOPD Pouria Khashayar (Stevenage, United Kingdom), Manivannan Srinivasan, Kenneth Spearpoint, Mahar Awan, Priyanka Oza, Thida Win	**PA2587**
Prognostic value of cardiac and respiratory testing's in AECOPD Pouria Khashayar (Stevenage, United Kingdom), Manivannan Srinivasan, Kenneth Spearpoint, Priyanka Oza, Mahar Awan, Thida Win	**PA2588**
Blood neutrophil-to-lymphocyte ratio and eosinophils as predictors of 10-year mortality after exacerbations of COPD Robert Hancox (Dunedin, New Zealand), Liam Petrie, Eskandarain Shafuddin, Catherina Chang	**PA2589**
Remote NIV monitoring may help identifying COPD exacerbations Lay Min Gan (Middlesbrough, United Kingdom), Andrew Bentley, Andras Bikov	**PA2590**
Can modified CHADS2 Scores Predict Outcomes of Patients Admitted for Acute Exacerbations of COPD? Ali Abo romi (Tamra, Israel), Bar Lachmi, Tzlil Hershko, Anna Breslavsky, Natalya Bilenko, Ahsen Al Qaied, Ori Wand	**PA2591**
Circulatory consequences of acute exacerbations of COPD assessed by an "average blood flow" model Tibor Endre Nagy (Debrecen, Hungary), Erzsébet Szolnoki, Levente Majoros, Viktória Jurecskó, Zsolt Barta, István Várkonyi	**PA2592**
Prognostic Value of Acute Cardiovascular Events in Hospitalized Patients for COPD Exacerbations. PAVLOS SIOZOS (ATHENS, Greece), Ioannis Roussis, Dimitrios Komninos, Stavroula Zaneli, Konstantinos Bonelis, Theoni-Kalliopi Vandorou, Adamantia Liapikou, Argyris Tzouvelekis, Andrianna Papaioannou, Paschalis Steiropoulos, Ilektra Voulgareli, Stylianos Loukides, Georgios Hillas, Dimitrios Toumpanakis	**PA2593**
Predicting bacterial aetiology in severe exacerbations of COPD using clinical biomarkers and machine learning Bendegúz Sramkó (Budapest, Hungary), Balázs Csoma, Veronika Müller, Zsófia Lázár	**PA2594**
Explainable multi-view representation learning for forecasting COPD exacerbations and quality of life (QoL) variable progression Hamed Behzadi-Khormouji (Brussels, Belgium), Abel Diaz Berenguer, Sajjad Mahmoudi, Mitchell Silva, Naomi Michotte, Eef Vanderhelst, Hichem Sahli, Nikos Deligiannis	**PA2595**
Predicting severe COPD exacerbations: which score holds its promise? Maroua Abbassi (Médenine, Tunisia), Ouertani Hend, Ben Soltana Feriel, Ben Jemia Emna, Naaroura Ameni, Rejeb Siwar, Zaibi Haifa, Ben Amar Jihen	**PA2596**

Aortic Arterial Stiffness as a Cardiovascular Risk Predictor in COPD Patients with Low and High Exacerbation Risk **PA2597**
Özgü Deniz Metin (İstanbul, Türkiye), Alev Gurgun, Murat Emre Tokur, Emre Demir

Predictors of Hospitalization in Patients with Chronic Obstructive Pulmonary Disease: Real-World Evidence from a Tertiary Care Centre **PA2598**
Tatjana Tokić Vuksan-Ćusa (Karlovac, Croatia), Grgur Salai, Mirna Vergles, Sanda Škrinjarić Cincar, Matea Škoro, Žarko Vrbica, Emilija Lozo Vukovac, Neven Tudorić, Andrea Vukić Dugac

Candida in the Airways Predicts Poor Survival in COPD Exacerbation Patients **PA2599**
Huihui Zeng (Changsha (Hunan), China), Yifan Liu, Ziyi Liu, Huiui Zheng, Qixuan Huang, Naishu Xie, Zihang Zeng, Yan Chen

The features of regional resistance of H. influenza and S. pneumoniae strains, isolated from COPD patients during exacerbation (COPDE) **PA2600**
Nataliia Sanina (Dnipro, Ukraine), Bohdana Basina, Tetiana Kirieieva, Tetiana Pertseva

Eosinophils as a predictor of readmission and mortality in patients admitted with a COPD exacerbation. **PA2601**
Qutaiba Shudayfat (Liverpool, United Kingdom), Rachel Burton, Isabelle Makin, Fred Flyes, Hani Essa, Megan Clark, Chloe Vickers, Varthini Karvannan, Aaya Talaq, Akpet Okimonye, Maria Puthoor, Hassan Burhan

PS-16 Session 226 08:00 - 09:30

Poster session: Challenges across the care pathway in chronic airway diseases

Disease(s) : Airway diseases

Method(s) : Public health Epidemiology General respiratory patient care Imaging Physiology Pulmonary function testing Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Juan José Nieto-Fontarigo (Santiago De Compostela, Spain), Fabienne Jaun (Liestal, Switzerland), Fleur L. Meulmeester (Leiden, Netherlands)

Late Breaking Abstract - Single-cell profiling of human small airway progenitors reveals aberrant NF -κB and EGF signalling in COPD **PA2602**
Shabnam Zaman (Woluwe-Saint-Lambert, Belgium), Marylène Lecocq, Nicolas Dauguet, Vincent Geudens, Bart Vanaudenaerde, François Michel Carlier, Laurent Gatto, Charles Pilette

Therapeutic adherence and asthma control levels:Results from a real-world study. **PA2603**
Amel Ayad (Oran, Algeria), Oussama Boukhalfa, Affif Benzait, Asmaa Boukhari, Mohamed abdellatf Bennani

ROLE OF INCREASING ADHERENCE TO THERAPY ON THE CONTROL OF ASTHMA AND COPD **PA2604**
Ventsislava Pencheva Genova (Sofia, Bulgaria), Diyan Genov

Impact of treatment Adherence on quality of life in adult patients with asthma in eastern algeria **PA2605**
REDOUANE BELALA (CONSTANTINE, Algeria)

Title: Real-world impact of pharmacological therapy on isolated small airway dysfunction: a retrospective analysis of 200 patients with serial spirometry **PA2606**
Yohann Pinto (Dubai, United Arab Emirates), Samir Naik, Harshavardhan Rajagopal, Amjed Ahmed, Ameera Majeed, Sara Mansoor

Adherence to national non-pharmacological asthma and chronic obstructive pulmonary disease (COPD) guidelines: Insights from the Swedish National Airway register **PA2607**
Caroline Stridsman (Luleå, Sweden), Therese Sterner, Apostolos Bossios, Fredrik Nyberg, Frida Strömberg Celind, Malte Frerichs, Yvonne Sjöö, Henning Stenberg, Jörgen Syk, Anne Lindberg, Lowie Vanfleteren, Jon Konradsen

Association of the Test of Adherence to Inhalers (TAI) with digital inhaler data in Dutch patients with COPD **PA2608**
Amy Ouwendijk (Rotterdam, Netherlands), Liz Cuperus, Erik Bischoff, Job van Boven, Job van der Palen, Huib Kerstjens, Johannes in 't Veen

Symptom monitoring by text messaging following hospitalisation for AECOPD: insights from the RAPID trial **PA2609**
Nicola Smallcombe (London, United Kingdom), Madeleine Peck, Elif Dogu, Elaine Viloria, Joana C. Vasconcelos, A Toby Prevost, John R Hurst, Mona Bafadhel

Clinical utility and safety of inhaled corticosteroid withdrawal in confirming asthma diagnosis **PA2610**
Cara M Gill (Dublin, Ireland), Ciara Ottewill, Sarah Farrell, Patrick J Kerr, Margaret Gleeson, Vincent Brennan, Helen Doherty, Orla Smith, Garrett Greene, Elaine MacHale, Richard W Costello

Association between inhaler treatment adherence and cognitive function in COPD **PA2611**
Gülnihal Darçın (istanbul, Türkiye), Birsen Pınar Yıldız

Persistent T2 inflammation must be assessed in context of recent inhaled corticosteroid exposure in patients with symptoms of asthma **PA2612**
Ciara Ottewill (Dublin 4, Ireland), Cara Gill, Sarah Farrell, Patrick Kerr, Vincent Brennan, Margaret Gleeson, Orla Smith, Helen Doherty, Elaine MacHale, Garrett Greene, Richard W Costello

Exploring the Relationship Between Inflammatory Phenotype and Response to Systemic Corticosteroids Using Respiratory Oscillometry: A PRISMA Study **PA2613**
Rachel Aladeeb (Montreal, Canada), Carlos Celis-Preciado, Hana Badawi, Ronald J. Dandurand, Simon Couillard

Determinants of Medication Adherence among Patients with Asthma: A Prospective Study **PA2614**
REDOUANE BELALA (CONSTANTINE, Algeria), Amina Hamri

Assessment of the Effects of Direct/Video Observed Therapy on Pulmonary Function Test Parameters, and Asthma Control Test **PA2615**
Ömer Selim Unat (Izmir, Türkiye), Damla Serçe Unat

Impact of obstructive sleep apnea on quality of life in patients with difficult-to-treat asthma **PA2616**
Kristina Ziherl (Golnik, Slovenia), Irena Šarc, Peter Kopač

Why COPD is Missed During Lung Cancer Screening: A Qualitative Study of Primary Care Clinicians and Patients **PA2617**
MeiLan K. Han (Ann Arbor, United States), Amanda Cox, Amal Othman, Ella Kazerooni, Wassim Labaki, Catherine Meldrum, Minal Patel, Charles Hatt

Airway hyperreactivity in patients with COPD **PA2618**
Francesca Conway (London, United Kingdom), Anand Tana, James Tonkin, Cielito Caneja, Leeh Faustino, Emily Ward, Christopher Orton, Justin Garner, Ashish Karir, Jadwiga Wedzicha, Pallav Shah

LOST & FOUND COPD: undiagnosed COPD among Ontario Lung Screening Program participants **PA2619**
Alina Blazer (Toronto, Canada), Caoimhe McParland, Lara Lim, Adam Gaisinsky, Felipe Castillo Aravena, Michael McInnis

ARTIFICIAL INTELLIGENCE (AI) ENABLED COUGH DIAGNOSTICS -A SCOPING REVIEW **PA2620**
Abhishek Aravind 1 ; Kainat Hina 2 , Muhammad Haris Mir 3
Abhishek Aravind (Chester, United Kingdom), Kainat Hina, Muhammad Haris Mir

The safety and feasibility of an electronic template to guide COPD reviews in Primary Care. **PA2621**
Keir E. Lewis (Llanelli (Dyfed), United Kingdom), Gareth Morgan, Christian Newman, Dave Edwards, Claire Hurlin, Joe Annandale, Lorna Philips, Natalie Janes, Karen Vennard, Craig Musgrove, Jonathan Morgan

PS-17 Session 227 08:00 - 09:30

Poster session: At risk for COPD: what comes before airflow limitation?

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Imaging Pulmonary function testing General respiratory patient care Physiology Public health Pulmonary rehabilitation

Tag(s) : Basic science, Clinical, Translational , Digital health

Chairs : Rosa Faner (Barcelona, Spain), Peter I. Bonta (Amsterdam, Netherlands), Helena Backman (Lulea, Sweden)

Late Breaking Abstract - Hemodynamic and myocardial strain predictors of arrhythmias in COPD and asthma **PA2622**
Bayan Bektassova (Astana, Kazakhstan), Yerzhan Khochshanov, Dinara Sadykova, Yelena Rib, Damir Biktashev, Aida Bokaeva, Maksat Aikenov

Portable Capnography Reveals Distinct End Tidal Carbon Dioxide ($ETCO_2$) Patterns in Obstructive Airway Disease (OAD): Proof of Concept **PA2624**
Abhishek Sabale (Pune, India), Sapna Madas, Monica Barne, Vandana Das, Monica Dhawale, Ashfaq Shaikh, Asmita Gaikwad, Sanskriti Kale, Pratiksha Dudhbhate, Gayatri Rajvaidya, Shitalkumar Zambad, Sundeep Salvi

Emphysema and Preserved Spirometry (EMPHASIS Study): Six-Year Follow-up From the DEPRECAP Registry Maria Isabel Colomer Martorell (Madrid, Spain), Alejandro Desmaison Ibarra, Javier Alfayate Sánchez, Marcel Rodriguez Guzmán, Andrés Giménez Velando, Maria Jesús Rodriguez Nieto, Carolina Gotera Rivera	**PA2625**
Spirometric expiratory time constant patterns to separate restriction from mixed pathology Filip Depta (Košice, Slovakia), Radek Černý, Vladimír Koblížek, Andreas Hoheisel, Simona Bodnárová, Pavol Pobeha	**PA2626**
Preserved Ratio Impaired Spirometry (PRISm) as a Predictor of Accelerated Decline in Airflow Obstruction Leandro Tapia Barredo (Barcelona, Spain), Luz Milagros Longo Cruz, Ricardo Olmedo Cabral, Ester Cervera Rodriguez, Magali Arago Fonts, Maria Pilar Aluja Vallverdu, Aida Diaz Sole, Maria Dolores Morales Labat, Estrella Caballeria Lamelas, Santiago Menjura Gomez, Paloma Millan Billi, Karina Portillo Carroz	**PA2627**
RADAR scorePro in primary care: Prognostic Value for exacerbation Gianna Vargas Centanaro (Madrid, Spain), Myriam Calle Rubio, Soha Esmaili, Medardo Montenefro, Juan Luis Rodriguez Hermosa	**PA2628**
Evaluation of thoracic aortic calcification in patients with emphysema Hasan Ibis (Ankara, Türkiye), Maşide Ari, Bilge Sezin Akhan, Mehmet Bahadır Berktaş	**PA2629**
Addictive Behaviours and Sexual Quality of Life in COPD Outpatients: A Cross- Sectional Study Yassine Foudhaili (Ariana, Tunisia), Emna Ben Jemia, Hend Ouertanu, Ameni Naaroura, Ahmed Saadi, Siwar Rejeb, Haifa Zaibi, Jihen Ben Amar	**PA2630**
Acceptability of artificial intelligence for COPD screening in Tunisian primary care: links with clinical knowledge and practice Ahmed Araoud (Monastir, Tunisia), Mayssa Rebei	**PA2631**
Association between iron homeostasis and prognosis in patients with chronic obstructive pulmonary disease: a retrospective analysis from MIMIC-IV database Chaoqun Xu (Haikou, China), Shanjun Yu, Qi Li	**PA2632**
CHARACTERISTICS OF CARDIOHEMODYNAMICS AND THE EFFECTIVENESS OF PHARMACOTHERAPY IN PATIENTS WITH COPD COMBINED WITH PULMONARY AND ARTERIAL HYPERTENSION Nafisa Shamukhamedova (Tashkent, Uzbekistan), Barno Abrorova, Gulchekhra Kadirova	**PA2633**
The effects of severity of disease on biochemical, inflammatory markers, and functional capacity in patients with COPD Mustafa Çelik (Ankara, Türkiye), Aynur Demirel, Melda Saglam, Naciye Vardar Yagli, Lutfi Coplu	**PA2634**
Cognitive impairement in chronic obstructive pulmonary disease- prevalence and its association with severity of the disease: A cross sectional study AJITHER P. A (Kozhikode, India), Manjeshwar Sahana kamath, Eldhos Jacob, Basil Behanan mathews, Carishma S, Srishankar Bairy	**PA2635**
A missed opportunity – could a COPD Pharmacist also minimise cardiovascular risk? Alicia Piwko (London, United Kingdom), Maeve Savage, Sisham Gurung, Suzanne Patton, Gráinne d'Ancona	**PA2636**
Small airway dysfunction in symptomatic smokers with preserved FEV_1/FVC ratio: a cross-sectional analysis Anna Salina (Riga, Latvia), Maria Pascarella, Leticia Grize, Andrei M. Darie, Kathleen Jahn, Werner Strobel, Andreas Hoheisel, Eleni Papakonstantinou, Vera D. Sollberger, Vera D. Sollberger, Janwillem WH Kocks, Janwillem WH Kocks, Janwillem WH Kocks, Janwillem WH Kocks, Michael Tamm, Michael Tamm, Philipp Latzin, Mario Cazzola, Medea Imboden, Medea Imboden, Nicole Probst-Hensch, Nicole Probst-Hensch, Daiana Stolz	**PA2637**
Expiratory time constant may improve detection of early airflow obstruction Vladimir Koblizek (Hradec Králové, Czech Republic), Filip Depta, Marek Kvarda	**PA2638**
Oscillometry after a cold-water challenge detects signatures of increased airway impedance in asymptomatic healthy smokers KALPESH PANCHAL (Ahmedabad, India), Andy Deprato, Arundhati Bhatkande (nee Garud), Paige Lacy, Saibal Moitra, Subhabrata Moitra	**PA2639**

Clinical, functional and inflammatory characteristics of eosinophilic severe COPD: Real-world data from the SPOCCAT Registry **PA2640**
Alejandra López Giraldo (Sant Boi de Llobregat, Spain), Galo Granados Rosales, Roser Costa Solá, Jéssica González Gutierrez, Cristina Aljama Vizcarra, Annie Navarro Rolon, Eduardo Vélez, Miguel Ángel Leal García, Miriam Barrecheguren Fernández, Artur Juan Arribas, Abigail Macías Paredes, Néstor Soler Porcar, Núria Rodríguez Lázaro, Fernando Ruíz Mori, Elena Miguel Campos, Sònia Belda Diaz, Noelia Pablos Mateos, Oswaldo Antonio Caguana Vélez, Ane López, Dan Sánchez Berenguer, Sergi Pascual Guardia, Isabel de Dios, Laura Rodríguez, Irene López, Claudia Guevara, Elena Nora Mammana, Gabriella Erica Manonelles, Danny Zayas, Marc Miravitlles Fernández

High disease-burden in severe COPD: evaluation of the consensus definition in tertiary care **PA2641**
Mireille C. Melles (Rotterdam, Netherlands), Pieter-Paul W. Hekking, Frits M.E. Franssen, Dirk-Jan Slebos, Johannes C.C.M. in 't Veen, Marlies van Dijk

Closing the diagnostic gap: A multidimensional approach to reclassifying PRISm and pre-COPD individuals into COPD. **PA2623**
Cristian Amaral De Sousa (Madrid, Spain), Lara Bravo Quiroga, María Moreno Justicia, Elena López González, Andrea Carrillo Pérez, Rulber Duque Alzate

PS-18 Session 228 08:00 - 09:30

Poster session: Outcomes that matter in COPD

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Public health Respiratory intensive care Imaging Pulmonary function testing Pulmonary rehabilitation Cell and molecular biology

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Vladimir Koblizek (Hradec Králové, Czech Republic), Sameera Ansari (Sydney (NSW), Australia), Jonathan Baker (London, United Kingdom)

Late Breaking Abstract - Mepolizumab is efficacious in COPD irrespective of dyspnoea severity at baseline: pooled results from Phase III randomised trials **PA2642**
Kathrin Kahnert (Germering, Germany), Felix J F Herth, David M G Halpin, Jinping Zheng, Arunangshu Biswas, Steven Gould, Joel Schamroth, Stefanie Kolterer, Frank C Sciurba

Health care utilization and economic burden for COPD patients according to the severity of airflow limitation **PA2643**
Kyu Jin Lee (Anyang, Republic of Korea), Yong Il Hwang, Yong Bum Park, Jung-Kyu Lee, Hyun Woo Lee

An Explainable Machine Learning Model for the Prediction of 1-Year Post-Discharge Mortality in Patients with Acute Exacerbations of COPD **PA2644**
Ziyi Liu (Changsha, China), Huiru Zheng, Yifan Liu, Yuewen Jiang, Yong Zhou, Lijun Liu, Bingbing Ouyang, Huihui Zeng, Yan Chen

Temporal Trends in Mortality Following COPD Diagnosis: A 25-Year Longitudinal Study of the National Veterans Cohort (2000–2025) **PA2645**
javad razjouyan (Houston, United States), Nicola A Hanania, Amir Sharafkhaneh

Longitudinal Disease Stability Trajectories in Chronic Obstructive Pulmonary Disease **PA2646**
Kyu Jin Lee (Anyang, Republic of Korea), Yong Bum Park, Yong Il Hwang

The Impact of Obesity and Sarcopenia on COPD Exacerbations: A Longitudinal Chest CT–Based Quantitative Analysis **PA2647**
Min Kwang Byun (Seoul, Republic of Korea), Jiwoo Kim, Yong Jun Choi, Hye Jung Park, Chi Young Kim, Jae Hwa Cho, Chul Hwan Park

Machine-learning-derived models to predict risk of coronary heart disease in patients with stable chronic obstructive pulmonary disease **PA2648**
Shiyi Yao (Chongqing, China), Shuliang Guo, Mingjin Yang, Dan Wang, Yuan Zhan, Li Xu

Timing and mutual relationships of acute and chronic respiratory failure in COPD **PA2649**
Mara Paneroni (Mazzano (BS), Italy), Michele Vitacca, Gaia Riboni, Valentina Tibollo, Laura Spinello, Riccardo Bellazzi, Nicolino Ambrosino

Chest computed tomographic findings associated with chronic bronchitis in patients with chronic obstructive pulmonary disease **PA2650**
Hyeonsu Lee (Seoul, Republic of Korea), Woo Hyeon Lim, Jiwoong Choi, Kwonhyung Hyung, Jung-Ki Yoon, Changhyun Lee, Chang-Hoon Lee

Chronic airway diseases in patients with Herpes Zoster: prevalence and treatment-related risk factors **PA2651**
Merve Erçelik (Isparta, Türkiye), Duygu Ulusoy, Selma Korkmaz, Önder Öztürk

The prevalence of severe COPD in the Netherlands **PA2652**
Mireille C. Melles (Rotterdam, Netherlands), Pieter-Paul W. Hekking, Dirk-Jan Slebos, Frits M.E. Franssen, Johannes C.C.M. in 't Veen, Marlies van Dijk

From Wearables to Outcomes in COPD: Machine Learning–Based Prediction of CAT scores using Multimodal Wearable Data **PA2653**
Armin Schneider (Darmstadt, Germany), Sonia Vivas, Catalin Ion, Felix Herth, Frederik Trinkmann, Carl Schimanski, Cihan Çelik, Ioanna Bethani, Jan Sadewasser, Jella-Andrea Abraham, Agata Sakowicz, Sabrina de Souza, Paula Tomat, Robert Spoelgen

The Economic Burden of COPD in Israel: A National Cost-of-Illness Study **PA2654**
Amir Bar-Shai (Tel-Aviv, Israel), Daphna Mackover, Royi Barnea, Nimrod Urtreger, Ophir Freund, Inbar Yacoby-Halevi

Sustainable approaches to refractory breathlessness: reducing inappropriate inhaler use and carbon emissions. **PA2655**
Rachel Daly (Manchester , United Kingdom), Jenna Swale, Stephen Fowler, Gael Tavernier

A cardio-nutritional panel for predicting AECOPD prognosis: the independent value of troponin, proBNP, and HALP Score **PA2656**
Aytekin Idikut (Ankara, Türkiye), Hasan Ozgen, Ozlem Ozdağ

A Real-World Analysis of Clinical, Functional, Inflammatory, and Cardiovascular Risk Profiles in COPD Frequent Exacerbator Patients **PA2657**
Marco Vanetti (Tradate, Italy), Francesco Ardesi, Martina Zappa, Antonia Maria Taglioretti, Veronica Capuano, Avin Mohamad, Rosella Centis, Patrizia Pignatti, Dina Visca, Antonio Spanevello

COPD Readmission Rates Following Addition of 72-Hour Follow-Up to Discharge Bundle Care: A Service Evaluation **PA2658**
Consuela O'Leary (Waterlooville, United Kingdom), Mowleesan Amaralingam, Ysabelle Boo, Ciron Phillips, Daniel Neville, Alexander Hicks, Ben Green

Projecting Switzerland's LRTI and COPD burden: Restrospective nationwide hospital data identify drivers of severity and outcomes and forecast admissions through 2035. **PA2659**
Michel Fries (Baar, Switzerland), Desiree Schnidrig, Thomas Campbell-James, Josia D. Schramm, Noel Ackermann, Samuel C. Robson, Patrick E. Beeler

Fat-free mass-based FODE index across COPD phenotypes **PA2660**
Daniel López Padilla (Madrid, Spain), Raúl Moreno Zabaleta, Nuria Arenas Valls, Lara Bravo Quiroga, Leonardo Saldaña Pérez, Rosa Malo de Molina, Andrea Yordi León, Aurora Solier López, Tamara Alonso Pérez, Elena García Castillo

Saliva biomarkers in exacerbations of COPD. Validation of new point-of-care technology. **PA2661**
Caitlin Morgan (Bristol, United Kingdom), Richard Luxton, Janice Kiely, Kathryn Lamb-Riddell, Rebecca O'Brien, Catherine Hyams, James W Dodd

PS-19 Session 229 08:00 - 09:30

Poster session: Biologic therapies and biomarkers in severe asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Pulmonary function testing Physiology Public health

Tag(s) : Clinical, Translational

Chairs : Francisco-Javier Gonzalez Barcala (Santiago de Compostela, Spain), Francesca Cefaloni (Rome, Italy), PP Hekking (Rotterdam, Netherlands)

Late Breaking Abstract - Beyond the Eosinophil: Benralizumab Drives Coordinated CD4+ T Cell Immune Remodelling in Severe Eosinophilic Asthma **PA2662**
Jessica Gates (London, United Kingdom), Paniz Khooshemehri, Varsha Kanabar, Ajerico Del Rosario, Alicia Perez Valles, Eleanor Woods, Rocio Martinez Nunez, David Jackson

Blood transcriptomic signature for biological therapy in severe asthma **PA2663**
Claudia Almaraz (Palma de Mallorca, Spain), Amanda Iglesias, Laura Jiménez, Rosa Alorda, Josep Muncunill, Aarne Fleischer, Maria Berman, Max Guber, Yolanda De los LLanos, Maria Diaz, Luis Garrido, Nuria Toledo, Francisco de Borja Garcia Cosio

Blood eosinophil molecular signatures predict response to anti–IL-5 therapy in severe asthma Jun Miyata (Tokyo, Japan), Ryuta Onozato, Masahito Mizobe, Yuri Fukasawa, Yo Otsu, Emiko Matsuyama, Katsunori Masaki, Hiroki Kabata, Koichi Fukunaga	**PA2664**
Mepolizumab with low-dose corticosteroids versus standard-dose corticosteroids in allergic bronchopulmonary aspergillosis: a real-world analysis of efficacy and responder traits Jing Shi (Shanghai, China), Sihan Tan, Ye Xiang, Wenjiao Zhu, Yiran Liang, Siqi Wang, Hailuan Zeng, Danxin Wu, Meiling Jin, Ling Ye	**PA2665**
Real-world effectiveness of dupilumab in severe asthma patients switched from omalizumab and anti-IL-5 biologics: Findings from the EU ADVANTAGE study Giorgio Walter Canonica (Milano (MI), Italy), Hitasha Rupani, Arnaud Bourdin, Guy Brusselle, Olivier Ledanois, Aakash Gandhi, Joe Yang, Jason Kwah, Richard H. Stanford, Lynn Huynh, Tracy Guo, Mei Sheng Duh, Anne-Laure Tardy	**PA2666**
Real-world effectiveness of dupilumab versus other biologics in achieving selected components of clinical remission in T2-high severe asthma: EU ADVANTAGE study Giorgio Walter Canonica (Milano (MI), Italy), Richard H Stanford, Olivier Ledanois, Joe Yang, Jason Kwah, Lynn Huynh, Tracy Guo, Mei Sheng Duh, Aakash Gandhi, Anne-Laure Tardy	**PA2667**
Asthma-related healthcare resource utilization and associated costs of timely versus delayed initiation of dupilumab following a severe asthma exacerbation Nicola Hanania (Houston, United States), Mary Ducharme, Marissa Shams, Rachel Black, Nnaemeka Odo, Paige Ngo, Richard Stanford, Phani Veeranki, Arun Subramaniam, Hernan Avella, Anju Peters	**PA2668**
Baseline characteristics and clinical outcomes in patients with asthma initiating dupilumab stratified by body mass index: results from the RAPID observational registry Arnaud Bourdin (Montpellier, France), Andréanne Côté, Njira L. Lugogo, Ole Hilberg, Allison C. Ramsey, Enrico Heffler, Adel H. Mansur, Changming Xia, Hashem Awad, Rebecca Gall, Anju T. Peters	**PA2669**
Reduction in Exacerbations with Benralizumab in Severe Eosinophilic Asthma and Chronic Rhinosinusitis with Nasal Polyps, Even If Asthma Is Not Well-Controlled Kurtuluş Aksu (Ankara, Türkiye), Fatma Dindar Çelik, Özge Göktürk, Nur Betül Baştuğ İnan, Yavuz Karahan, Melis Yağdıran, Onur Telli, Enes Çelik, Funda Aksu	**PA2670**
Serum TSLP, IL-33 and IL-4 across inflammatory phenotypes in severe uncontrolled asthma Pilar Ausin Herrero (Barcelona, Spain), Daniela Bravo, Berta Llaurado, Eugenia Navarrete, Angela Garcia, Helio Bona, Ramon Gimeno	**PA2671**
WIN378 is a novel, half-life extended, anti-TSLP antibody with potential best-in-class properties for the treatment of asthma and COPD Jeffrey Stavenhagen (Basel, Switzerland), Paul Smith, Hansreudi Lötscher, Annette Körner, Josquin Nys, Yiping Rong, Shuntao Luo, Xiaoxi Yuan, Luca Santarelli, Omar Khwaja	**PA2672**
Association between clinical and biological response to anti-IL5/5R biologic treatments in severe asthma Arnaud Bourdin (Montpellier, France), John Townend, Enrico Heffler, David Jackson, Charlotte Ulrik, Celine Bergeron, Luis Perez-de-Llano, Florence Schleich, Sverre Lehmann, Piotr Kuna, Riyad Al-Lehebi, Maria Kallieri, Takashi Iwanaga, Diahn-Warng Perng, Mei Fong Liew, Désirée Larenas-Linnemann, Carlos Torres-Duque, Mona Al-Ahmad, João Fonseca, Chin Kook Rhee, Njira Lugogo, Jorge Máspero, Alan Altraja, Bassam Mahboub, David Langton, Paulo Pitrez, George Christoff, Lauri Lehtimäki, Zsuzsanna Csoma, Sundeep Salvi, Richard Costello, Patrick Mitchell, Job van Boven, Andrew Menzies-Gow, John Busby, Aaron Beastall, Ghislaine Scelo, Eileen Wang, David Price	**PA2673**
Understanding the limitations of fractional exhaled nitric oxide as a longitudinal predictor for remission in patients with moderate to severe asthma while on biologic therapy. Hana Serajeddini (London, Canada), Carly Burow, Aine Pucchio, Jane Ding, Anurag Bhalla, Christopher Licskai, Lisa Cameron, Constance Mackenzie	**PA2674**
Impact of induced sputum on T2-low asthma classification across severity and subsequent eligibility for biologic therapy Laurits Frøssing (Copenhagen V, Denmark), Asger Sverrild, Celeste Porsbjerg, The BREATHE study group, Morten Hvidtfeldt	**PA2675**
Clinical significance of early intervention with mepolizumab in patients with eosinophilic granulomatosis with polyangiitis Yuga Yamashita (Kanagawa, Japan), Sachiko Takaoka, Takuya Nakashima, Kaho Matsunaga, Atsushi Miyasaka, Tatsuya Muraoka, Takeshi Kaneko, Naomi Tsurikisawa	**PA2676**

Dupilumab is efficacious in chronic obstructive pulmonary disease with type 2 inflammation regardless of smoking status **PA2677**
Alberto Papi (Cona, Ferrara, Italy), Jadwiga A. Wedzicha, Guy G. Brusselle, Helena Backman, Hisatoshi Sugiura, Henrik Watz, Paramita Saha Chaudhuri, Mena Soliman, Jigna Heble, Surya P. Bhatt

Phenotypic characteristics of exacerbations in severe asthmatics receiving biological agent treatment **PA2678**
Kurtuluş Aksu (Ankara, Türkiye), Hatice Çelik Tuğlu, Özgür Akkale, Onur Telli, Fatma Dindar Çelik, Melis Yağdıran, Özge Göktürk, GürgünTuğe Vural Solak, Funda Aksu

Which Biologic for Which Patient? Real-Life Clinical Predictors of Biologic Selection in Severe Asthma **PA2679**
Dilek Karadoğan (Rize, Türkiye), İsa Çelik, Emel Atayık, Ayşe Kevser Erdöl, Şerife Kaya, Recep Evcen, Seçil Kepil Özdemir, Tahsin Gökhan Telatar, Adile Berna Dursun

Sex-related Differences in Clinical and Functional Response in Biological Treatment in Severe Asthma: From a Tertiary Hospital Data **PA2680**
Merdiye Ergun Serdaroglu (Istanbul, Türkiye), Elif Yelda Özgun Niksarlioglu, Vehbi Ayhan, Ramazan Eren, Atilla Uysal, Sule Gul

Variability of type 2 biomarkers in COPD patients with frequent exacerbators **PA2681**
Mireille C. Melles (Rotterdam, Netherlands), Johannes C.C.M. in 't Veen, Dirk-Jan Slebos, Frits M.E. Franssen, Marlies van Dijk, Pieter-Paul W. Hekking

PS-2 Session 230 08:00 - 09:30

Poster session: Broadening the horizon I: pulmonary rehabilitation beyond COPD

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases | Thoracic oncology

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Surgery | Pulmonary function testing | Physiology

Tag(s) : Clinical

Chairs : Mara Paneroni (Mazzano (BS), Italy), Rainer Gloeckl (Schoenau am Koenigssee, Germany), Matthew Armstrong (Durham, United Kingdom)

Reducing psychological burden and sleep disturbances in cystic fibrosis by incorporating progressive muscle relaxation into pulmonary rehabilitation **PA2682**
Camelia Pescaru (Timisoara (Timis), Romania), Alexandru Florian Crisan, Adelina Maritescu, Emil Robert Stoicescu, Cristian Oancea, Daniela Iacob

Responsiveness and minimal important difference of the Chronic Airways Assessment Test in people with bronchiectasis undergoing pulmonary rehabilitation **PA2683**
George D Edwards (London, United Kingdom), Fawziyah Abubakar, Puja Trivedi, Stuart Clarke, Karen Ingram, Claire M Nolan, Gillian Doe, William D-C Man

The Effect of Pulmonary Rehabilitation on Bronchiectasis Patients: A Retrospective Analysis **PA2684**
Ipek Ozmen (Istanbul, Türkiye), Rüveyda Pural, Nisanur Tutuş, Neslihan Siyambaş, Elif Yıldırım

A Pilot Study on the Effect of Three Months of Home-Based Airway Clearance Technique Using Bottle-Positive Expiratory Pressure (Bottle-PEP) in Chronic Stable Non-Cystic Fibrosis Bronchiectasis **PA2685**
Wutthichai Sae Chen (Bangkok, Thailand), Chattrin Viriyajaree

Results of implementation of self-management programe in the assessment of patients with bronchiectasis in wartime conditions **PA2686**
Olha Shchudro (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Olena Myronenko, Yuliia Huba, Larysa Botvinikova, Dariia Koval

Results of implementation mhGAP in the assessment of patients with bronchiectasis in wartime conditions **PA2687**
Olha Shchudro (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Olena Myronenko, Yuliia Huba, Larysa Botvinikova, Dariia Koval

Physical, psychological and behavioural outcomes following pulmonary embolism: an exploratory study **PA2688**
Ciara McCormack (Dublin, Ireland), Matthew Armstrong, Caoimhe McPeake, Margaret Higgins, Barry Kevane, Sarah Cullivan

Effects of physical rehabilitation interventions on Pulmonary Hypertension: An Overview of Systematic Reviews of Randomized Controlled Trials **PA2689**
Vanessa Resqueti (Natal (RN), Brazil), Natalia Lopes Cardoso, Ilsa Priscila Santos, Luciana Mendes, Jordi Vilaró, Elena Gimeno-Santos, Isabel Blanco, Guilherme Fregonezi, Rodrigo Torres-Castro

Long-term pulmonary rehabilitation improves haemodynamic gain index and distance–saturation product in pulmonary arterial hypertension **PA2690**
Vicente Benavides Córdoba (Cali, Colombia), Ricardo Mosquera, Monica Marquez, Julián Cortés

Progressive Combined Resistance and High-Intensity Cardiorespiratory Exercise for COPD and Interstitial Lung Diseases: A Structured 12-Week Supervised Program **PA2691**
VASSILIKI GEORGIOPOULOU (PATRA, Greece), Andreas Antonopoulos, Elektra Koulousousa, Vasiliki Sotiropoulou, Ourania Papaioannou, Matthaios Katsaras, Panagiota Tsiri, Georgios Tsirikos, Dimitrios Komninos, Eva Theohari, Ioannis Christopoulos, Fotini Trifona, Kyriakos Karkoulias, Konstantinos Mantzouranis, Fotios Sampsonas, Argyrios Tzouvelekis

Predictors of Diffusion Capacity through Cardiopulmonary Exercise Testing Parameters in Patients with Fibrotic Interstitial Lung Disease: A Pilot Study **PA2692**
Ipek Candemir (Ankara, Türkiye), Fatma Arslan, Elif Cansu Ozkılıcaslan, Nalan Ogan

The Impact of Pulmonary Rehabilitation on Functional Exercise Capacity in Idiopathic Pulmonary Fibrosis Patients **PA2693**
Hatice Kılıç (Ankara, Türkiye), İrem Şerifoğlu Rahatlı, Kübra Işık, Nur Hançeroğlu, Naz Kartal Bilaloğlu, İrem Günay, Muhammet Babayiğit, Murat Doğuş Günel, Ayşegül Karalezli, Emine Argüder

Pulmonary Rehabilitation Improves the Distance-Desaturation Index in Idiopathic Pulmonary Fibrosis **PA2694**
Nisanur Tutus (İstanbul, Türkiye), Elif Yıldırım, Neslihan Siyambas, Ipek Ozmen

1-Minute Sit-to-Stand as a Practical Alternative to the 6-Minute Walk Test in Pulmonary Rehabilitation for Interstitial Lung Disease **PA2695**
Ankita Asher (Mumbai, India), Tarang Kulkarni, Vikas Patel, Neerja Bangera, Nayan Kotian, Alpa Dalal

Quality of life and symptom burden 6-12 months after surgery for stage I or II non-small cell lung cancer (NSCLC) – a cross-sectional, observational, survey-based study **PA2696**
Katrine Fjællegaard (Farum, Denmark), Mette Kaasgaard, Morten Hornemann Borg, Jens Pers Kaltoft, Gitte Alstrup, Anne Orholm Nielsen, Pernille Kristiansen, Lise Stensen Bhatia, Jens Ulrik Stæhr Jensen, René Horsleben Petersen, Erik Jakobsen, Ole Hilberg, Uffe Bodtger

Home-based pulmonary rehabilitation after lung resection for non-small cell lung cancer **PA2697**
Thiago Thomaz Mafort (Niteroi (RJ), Brazil), Isabelle Nobrega, Thiago Mafort, Iasmin Fonseca, Alessandro Beserra, Agnaldo Lopes

Implementation and impact of pulmonary prehabilitation and rehabilitation in thoracic surgery **PA2698**
María José Vicuña (Santiago, Chile), Nikol Vergara, Hugo Álvarez, Micaela Azarola, Diego Paredes, Catalina Gutierrez, Franco Gálvez, Pablo Pérez, Rubén Valenzuela

Comprehensive Evaluation of Exercise Capacity in Colorectal Cancer Survivors: The Interplay Between Hemodynamic, Vascular, and Muscular Determinants **PA2699**
Mehmet Fatih Sanver (Kütahy, Türkiye), Melda Sağlam, Ebru Çalık, Saadettin Kılıçkap, Naciye Vardar Yağlı

Pulmonary rehabilitation in adults with asthma: association with multidimensional clinical outcomes **PA2700**
Mohannad AlAsiri (Montreal, Canada), Dan Nguyen, Benjamin Dionne, David Fung, Bryan Ross

PS-20 Session 231 08:00 - 09:30

Poster session: Asthma and allergy: risk factors, inflammation and outcomes

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Physiology Public health Cell and molecular biology Pulmonary function testing

Tag(s) : Clinical

Chairs : Shoaib Afzal (Herlev, Denmark), Lucia Cestelli (Bergen, Norway), Chloe Bloom (London, United Kingdom)

Late Breaking Abstract - CC16 and respiratory health in young adults from the Lung Health Cohort **PA2701**
Nipasiri Voraphani (Tucson, United States), Elizabeth Sugar, Debra Stern, Brooke Hawkes, Amber Spangenberg, Tara Carr, David Kaminsky, George Washko, Lynn Gerald, Ravi Kalhan, Stefano Guerra

How sensitisation patterns shift across the lifespan in the Austrian LEAD study. **PA2702**
Charmaine J. M. Lim (Wien, Austria), Charmaine Helk-Lim, Abdelrahman Omar, Severin Pötscher, Marie-Kathrin Breyer, Frits M.E. Franssen, Emiel F.M. Wouters, Robab Breyer-Kohansal

Airborne allergen sensitization is not independently associated with decreased FEV1 or FVC while asthma and duration of asthma is of importance. Eva Rönmark (Umeå, Sweden), Linnea Hedman, Linda Ekerljung, Madeleine Rådinger, Anne Lindberg, Bright Nwaru, Helena Backman	**PA2703**
Mortality in allergic and non-allergic asthma: a population-based cohort study of 55,841 adults Daniil Lisik (Luleå, Sweden), Caroline Stridsman, Madeleine Rådinger, Anne Lindberg, Eva Rönmark, Hannu Kankaanranta, Linnea Hedman, Bright Nwaru, Helena Backman	**PA2704**
The prevalence of allergic rhinitis in China is still increasing and not in the plateau period yet from 2005 to 2019 based on three waves of national surveys Ming Zheng (Beijing, China), Xiaoyu Pu, Xiangdong Wang, Luo Zhang	**PA2705**
Fructose-Containing Dietary Exposures and Pediatric Atopic Disease: A Systematic Review of Epidemiologic Evidence Charles Prendergast (Katowice, Poland), Kamil Barański	**PA2706**
Temporal patterns of protection against asthma onset following hormone replacement therapy Syed Ahmar Shah (Edinburgh, United Kingdom), Fatima Almaghrabi, Aziz Sheikh, Bright Nwaru	**PA2707**
Type 2 status is associated with longitudinal worsening of airway function assessed by oscillometry in a population-based cohort Lennart Conemans (Maastricht, Netherlands), Charmaine Lim, Charles Irvin, David Kaminsky, Pasquale Pompilio, Marie-Kathrin Breyer, Frits Franssen, Emiel Wouters, Robab Breyer-Kohonsal	**PA2708**
Prevalence of Small Airways Disease and Asthma Status: A Population-Based Study. Severin Pötscher (Wien, Austria), Charmaine Helk-Lim, Emiel F.M. Wouters, Frits Franssen, Marie-Kathrin Breyer, Robab Breyer-Kohansal	**PA2709**
Time-varying protection against asthma onset following hormonal contraceptive use Syed Ahmar Shah (Edinburgh, United Kingdom), Fatima Almaghrabi, Bright Nwaru, Aziz Sheikh	**PA2710**
Airway disease risk in severe alpha-1 antitrypsin deficiency: A nationwide cohort study Lucas Møller Larsen (Køge, Denmark), Sine Voss David, Eskild Morten Landt, Børge Nordestgaard, Niels Seersholm, Jens Ulrik Stæhr Jensen, Pradeesh Sivapalan, Morten Dahl	**PA2711**
Association between blood sodium and mortality in asthmatic populations: Findings from a cohort study Jing Xia (Chongqing, China)	**PA2712**
Dietary fibre intake, body mass index and incident asthma symptoms: a causal mediation analysis in the NutriNet-Santé cohort Arthur Junior Guets Dombou (Paris, France), Emilie Pacheco Da Silva, Benjamin Allès, Orianne Dumas, Léopold Fezeu, Nicole Le Moual, Julia Baudry, Justine Berlivet, Mathilde Touvier, Serge Hercberg, Emmanuelle Kesse-Guyot, Raphaëlle Varraso	**PA2713**
Lifetime urban exposure, socioeconomic position and respiratory health among adolescents Alicia Guillien (LA TRONCHE, France), Marieke Welten, Inès Amine, Parisa Montazeri, Bente Oftedal, Zeinab Tarhini, Jose Urquiza, Sandra Andrusaityte, Audrius Dėdelė, Berit Granum, Barbara Heude, Norun Hjertager Krog, Rosemary McEachan, Tiffany Yang, Xavier Basagaña, Mark Nieuwenhuijsen, Remy Slama, Martine Vrijheid, Liesbeth Duijts, Valérie Siroux	**PA2714**
Asthma manifestations, lifestyle factors, and sickness absence: A national register-based study Sandra Ekström (Stockholm, Sweden), Maria Ödling, Gun Johansson, Jon R Konradsen, Caroline Stridsman, Inger Kull	**PA2715**
Late Breaking Abstract - Demographic and clinical characteristics, treatment patterns, and outcomes among medically vulnerable adults hospitalised with severe acute respiratory infection by viral pathogens—id.DRIVE Network, Europe, September 2025–April 2026 Katherine Newell (Rotterdam, Netherlands), Paula Lozano, Jehidys Montiel, Kok-Yew Ngew, Eduardo Conde-Sousa, Hollie Dunford, Somsuvro Basu, Farid L. Khan, Hannah R Volkman, Negar Aliabadi, Joann Zamparo, Elizabeth Begier, Christine Hagemann, Oliver Martyn, Giovanna Melica, Tristan Delory, Beate Grüner, Leif-Erik Sander, Giancarlo Icardi, Irma Casas, Elisa Martró, Ainara Mira-Iglesias, Alejandro Orrico-Sánchez, Jose Ramon Arribas Lopez, Carlos M Oñoro López, Susana Otero-Romero, Andrés Antón, Federico Martinón-Torres, Lydia Finney, Oliver Koch, Shazaad Ahmad, Kaatje Bollaerts	**PA2716**
Chronic Respiratory Diseases and Daily Living Function Impairment Among Middle-Aged Adults in India: Findings from a Nationwide Longitudinal Ageing Study in India (LASI) Survey Arundhati Bhatkande (Ahmedabad, India), Angira Dasgupta, Pubali Ghosh Dhar, Saibal Moitra, Kalpesh Panchal, Subhabrata Moitra	**PA2717**

Frailty prevalence among individuals with early- vs adult-onset asthma: a cross-sectional analysis of the Canadian Longitudinal Study on Aging (CLSA) **PA2718**
Abdulkareem Baqer (Montreal, Canada), Sophie É. Collins, Benjamin M. Smith, Nermin Diab

Association of blood eosinophil counts with expiratory airflow limitation: a multi-ethnicity observational study **PA2719**
Yukun He (Beijing, China), Jianbo Xue, Wentao Ni, Zhancheng Gao

Trends in mortality across the European Union and the United Kingdom for eosinophilic granulomatosis with polyangiitis **PA2720**
Ireti Adejumo (Nottingham (Nottinghamshire), United Kingdom), Thomas Trimble, Adam Taylor, Tricia M. McKeever, Fiona Pearce

PS-21 Session 232 08:00 - 09:30

Poster session: Pollution and respiratory health: infections and environmental impact of inhalers

Disease(s) : Sleep and breathing disorders | Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Epidemiology | Public health | General respiratory patient care | Physiology | Cell and molecular biology

Tag(s) : Global reach, Sustainability, Prevention, Clinical

Chairs : Rafael E. de la Hoz (New York, United States), Joseph PYANA KITENGE (Lubumbashi, Democratic Republic of the Congo), Ulrike Gehring (Utrecht, Netherlands)

Late Breaking Abstract - Pulmonary macrophage activation and M2 polarization in BALB/c mice exposed to primary and secondary polypropylene microplastics and diesel exhaust particles. **PA2721**
João Pedro Albuquerque Damasceno (São Paulo, Brazil), Natan Azevedo Aguiar, Giovanna Jaqueira, Francine Maria de Almeida, Kelly Yoshizaki, Mariangela Macchione, Fernanda DTQS Lopes, Thais Mauad, Suzete Lombardi, Kátia C Dantas, Kely CS Bispo, Angela Batista Gomes dos Santos, Regiani Carvalho-Oliveira

Assessing environmental factors affecting functioning: Craig Hospital Inventory Adaptation for pulmonary diseases **PA2722**
Larissa Tatiane (São Paulo, Brazil), Giovanna Mello, Wallace da Silva, Junior da Silva, Luciana Malosá, Soraia da Silva

Patient perspectives on the environmental impact of inhalers – a scoping review **PA2723**
Emma Lydon (Auckland, New Zealand), Trudi Aspden, Amy Chan, Jiayi Gong, Mercy Mukoya, Sara Hanning

Air quality in pediatric hospital areas **PA2724**
Irene Camon (Guadalajara, Spain), Alicia Fernández, Elisa Castaño, Maria Pangua, Cristina Llorente, Alfonso Ortigado, Beatriz Blázquez, Pablo Alhama, Ana López, Diego Moreno, Miriam Aguirre, Elisa Marinas, Ana Loscos, Laura Fidalgo

Inhaler-Related Greenhouse Gas Emissions in the Argentina: A Cross-Sectional Analysis **PA2725**
Gabriel García (City Bell, Argentina), Ana Stok, Ignacio Zabert, Miguel Bergna

Environmental Impact of Inhaler Devices in Brazil in 2025 and the Transition Toward Sustainable Respiratory Care **PA2726**
Rodrigo Scabello (São Paulo, Brazil), José Eduardo Cançado, Caio Júlio César dos Santos Fernandes, Yasmin Catharine Mendonça, Jana de Ameixa Fonseca, Stevin Zung

Completing the Care Pathway for Environmental Sustainability: Results of a Survey Among Patients on Inhaler Disposal Practices and Counselling Gaps in India **PA2727**
Avya Bansal (Mumbai (Maharashtra), India), Pradyut Waghray, Naveed NazirShah, Lokesh Gutta, Deependra Rai, Swapna Nair

Reducing the Environmental Impact of Pressurised Metered-Dose Inhalers: Sustainable Strategies **PA2728**
Mayra Elena Torres Alvarez (Barcelona, Spain), Annie Navarro Rolón, Efraín de Jesús Reyes Galván, Miguel Angel Leal Garcia

After the Last Actuation: Results of a Cross-sectional Survey Assessing Inhaler Disposal Knowledge, Attitudes and Practices Among Indian Clinicians **PA2729**
Avya Bansal (Mumbai (Maharashtra), India), P Arjun, Pranav Ish, Deependra Rai, Swapna Nair

Respiratory rate as a sensitivity marker for PM2.5 personal exposure in healthy and asthma subjects **PA2730**
Hisham Waziri (London, United Kingdom), Yueyan Li, Olivia Guo, Christopher Pain, Sally Meah, Maria Nunez, Sharon Mumby, Samuel Palmer, Claire Dilliway, Ramzi Lakhdar, Ian Adcock, Shiyu Zhang, Jim Zhang, Kian Fan Chung

Health status in Italian children exposed to indoor sources of air pollution at home and at school PA2731
Sara Maio (Pisa (PI), Italy), Giuseppe Sarno, Sandra Baldacci, Ilaria Stanisci, Sofia Tagliaferro, Patrizia Silvi, Elisa Iacopini, Giustino Carlino, Alessandra Pandolfo, Andrea Perri, Velia Malizia, Stefania La Grutta, Giovanni Viegi

Associations between long-term exposure to ambient air pollution and post-COVID respiratory symptoms in the German National Cohort (NAKO) PA2732
Yanding Wang (Munich, Germany), Marie-Theres Huemer, Frank Padberg, Andrea Rachow, Susanne Breitner-Busch, Annette Peters

Effects of air pollution on pulmonary exacerbations: longitudinal analysis of the CF registry PA2733
Michelle Leemans (Créteil, France), Ralph Epaud, Taos Benoussaid, Antoine Bessou, Adriana Coman, Isabelle Coll, Sophie Lanone, Etienne Audureau

Air pollution and pneumonia hospitalization in the elderly: a systematic review PA2734
Maria Eduarda Piemonte lopes (Presidente Prudente, Brazil), Isadora de Mauro, Maria Fernanda Benites, Renata Rossi

Unsupervised multidimensional phenotyping reveals environmental influences on cystic fibrosis disease trajectories PA2735
Michelle Leemans (Créteil, France), Ralph Epaud, Taos Benoussaid, Yasmine Bousserrhine, Antoine Bessou, Adriana Coman, Isabelle Coll, Sophie Lanone, Etienne Audureau

Evaluating indoor air purification in people with cystic fibrosis and primary ciliary dyskinesia: the CARMUCI double-blind, cross-over sham-controlled trial PA2736
Pinelopi Anagnostopoulou (Nicosia, Cyprus), Maria G. Kakkoura, Panayiotis Kouis, Antonis Michanikou, Panagiotis Bargiotas, Tonia Adamides, Phivos Ioannou, Stavroula F. Louka, Marina Neophytou, Georgios K. Nikolopoulos, Chrysanthi Skevaki, Petros Koutrakis, Panayiotis Yiallouros

Prediction of minute ventilation in pregnancy – a tool for estimating inhaled dose of air pollution PA2737
Janika Ylönen (Barcelona, Spain), Joren Buekers, Armin Amstad, Claudia Armengol, Judith Garcia-Aymerich, Meaghan MacNutt, Craig Steinback, Reija Autio, Margie Davenport, Ioar Rivas, Sarah Koch

Airborne particles at barbecue events: respiratory deposition and clearance PA2738
Artur Badyda (Warszawa, Poland), Jan Bihałowicz, Grzegorz Majewski, Wioletta Rogula-Kozłowska, Patrycja Rogula-Kopiec, Piotr Kępa, Katarzyna Jaworek, Mariusz Rogulski, Piotr Dąbrowiecki

Spatial and temporal variations air pollution concentrations in a Brazilian port city. PA2739
Dhara Fernanda de Carvalho Pinto (GUARUJA, Brazil), Israel Nascimento dos Santos, Ana Clara Miranda Costa, Beatriz Siebert Ceridório, Rodrigo He Marduy Mattar, Yasmin Duarte, Caroline Silva de Souza, Luiz Alberto Amador Pereira, Sidinei Aranha, Cleiton Jordão Santos, Ubiratan de Paula Santos, Fernanda Maria Machado Rodrigues, Marceli Rocha Leite

Temporal Dynamics of Air Pollutants and Inhaled Beclomethasone Dispensing at the National Level in Brazil PA2740
Ricardo G Figueiredo (Feira De Santana (BA), Brazil), Isis Morais, Marisa Treglia, Wender Aparecido Oliveira, Tulio Sarmento, Juan C. Calderón, Ivan Chérrez-Ojeda, Eddy Oliveira

PS-22 Session 233 08:00 - 09:30

Poster session: Insights into paediatric respiratory physiology and diagnostic testing

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases

Method(s) : Cell and molecular biology Epidemiology Endoscopy and interventional pulmonology Imaging Pulmonary function testing Physiology Pulmonary rehabilitation Public health General respiratory patient care

Tag(s) : Clinical

Chairs : Shannon Simpson (Perth (WA), Australia), Emanuela Zannin (Monza (MB), Italy), Ori Goldberg (Rehovot, Israel)

Late Breaking Abstract - Repeatability thresholds and algorithms for within-test oscillometry measurements in children: Do they it matter? PA2741
Francine Ducharme (Montréal (QC), Canada), Embraline Schuilenburg, Anna Smyrnova

Impact of Diagnostic Delay on Clinical and Radiological Outcomes of Pediatric Foreign Body Aspiration in Tunisia. PA2742
Khaoula Ben Amor (Tunis, Tunisia), Selma Zarrouk, Sabrine Louhaichi, Ella Nemsi, Eya Chouaiakh, Jawher Souihli, Jamel Ammar, Basma Hamdi, Agnès Hamzaoui

Metabolic-Immune Signatures of Bronchopulmonary Dysplasia Severity: Elevated Glutamate and Branched-Chain Amino Acids in Extreme Preterm Infants Yu-Chi Huang (Kaohsiung, Taiwan), Chieh-Ni Kuo, Meng-Han Chiang, Ming-Chou Chiang, Reyin Lien, Kai-Hsiang Hsu, Ren-Huei Fu, Shih-Ming Chu, Chih-Yung Chiu	**PA2743**
Predictive clinical factors in children referred for an exercise challenge test Iulia Cristina Ioan (Nancy, France), Gauthier Perceval, Sofia Da Mota, Aurore Blondé, Maud Andre, Aurélie Tatopoulos, Cyril Schweitzer	**PA2744**
Survey on respiratory symptoms and impulse oscillometry in 13-14-year-old children in Ho Chi Minh City Nhat Quynh Nguyen (Ho Chi Minh City, Vietnam), Le Linh Tran, Thi Ngoc Tram Truong, Huynh Thi Cam Hong Le, Nhu Vinh Nguyen, Le An Pham, Phuong Thao Mai	**PA2745**
Subcostal angle as a functional respiratory-postural characteristic in healthy infants failing the pull-to-sit maneuver Łukasz Mański (Gdańsk, Poland), Aleksandra Moluszys, Eliza Wasilewska, Jolanta Wierzba	**PA2746**
Extensor-Dominant Landau Response as a Functional Marker of Respiratory-Postural Characteristics in Healthy Infants Aleksandra Moluszys (Kleszczewko, Poland), Łukasz Mański, Eliza Wasilewska, Jolanta Wierzba	**PA2747**
Dysfunctional breathing in children and young people undergoing cardiopulmonary exercise testing James Redman (Leicester, United Kingdom), Joe Madge, Naomi Dayman, Molla Imaduddin Ahmed, Erol Gaillard	**PA2748**
A New and Effective E-Learning Tool to Teach Spirometry: Results from a Validation Study Xenia Bovermann (Bern, Switzerland), Julia Croll, Léa Ho Dac, Jessica Leimgruber, Nick Lüthi, Sören Huwendiek, Philipp Latzin, Isabelle Steiner	**PA2749**
Using six-minute walk test desaturation to detect abnormal DLCO in children Alexandra Costea (Cluj, Romania), Nicole Beydon	**PA2750**
Reducing medicalisation of exercise-induced breathlessness in children through physiotherapist-led exercise testing Arshid Murad (Middlesbrough, United Kingdom), Claire Lord, Laiba Tul Jannat	**PA2751**
Expanding Access to Exhaled Nitric Oxide Measurement in Preschool Children Using an Offline Technology Laura Graciela Gochicoa Rangel (Ciudad de México, Mexico), Alejandra Pérez-Villar, Irlanda Alvarado-Amador, Jesús Manuel Torre-Horta, Ireri Thirión-Romero	**PA2752**
Expert consensus on point-of-care lung ultrasound in pediatric respiratory diseases Delphi study Andrea Perri (Palermo, Italy), Niccolò Parri, Alessandro Volpini, Angelo Giovanni Delmonaco, Stefania Zampogna, Stefania La grutta	**PA2753**
Establishing a community based direct access referral pathway for children and young people (CYP) with suspected Asthma in Cambridgeshire. Kelly Pauley (Ely, United Kingdom), Vanisha Morar, Ben Knox-Brown, Karl Sylvester, Karena Fraser	**PA2754**
Lung Function Trajectory in School-Age Children Born Preterm with Bronchopulmonary Dysplasia (BPD): A Monocentric Greek Cohort and Literature Benchmarking Doxa Kotzia (Athens, Greece)	**PA2755**
Evaluation of lung function via spirometry and impulse oscillometry in preschool children with wheezing pinar zeytun baloglu (istanbul, Türkiye), Merve Selçuk, Seyda Karabulut, Ceren Ayca Yıldız, Merve Akkitap Yigit, Eda Esra Baysal, Neval Cakar, Fulya Ozdemircioglu, Busra Ozgunay, Almala Pınar Ergenekon, Yasemin Gokdemir, Ela Erdem Eralp, Bulent Karadag	**PA2756**
Association between antenatal corticosteroids and early childhood lung function Hannah L Moore (Perth, Australia), Kevin Murray, Sanja Stanojevic, Lex W Doyle, James T D Gibbons, Thomas Halvorsen, Shannon J Simpson, On On behalf of PELICAN CRC	**PA2757**
Breathing as a functional biomarker of central regulation in children with neurodevelopmental disorders Łukasz Mański (Gdańsk, Poland), Aleksandra Moluszys, Eliza Wasilewska, Agnieszka Rosa, Krzysztof Szczałuba, Jan Szumlicki, Krystyna Szymańska, Jolanta Wierzba	**PA2758**
CLINICAL–IMAGING PATTERN OF TRACHEAL BRONCHUS IN CHILDREN Rodica Selevestru (Chisinau, Republic of Moldova), Iana Coropceanu, Svetlana Sciuca	**PA2759**

Food Aspiration–Induced Negative Pressure Pulmonary Edema with Alveolar Hemorrhage in an adolescent **PA2760**
quentin maggiolino (montpellier, France), Marie-Catherine Renoux, Johan Moreau, Floriane Socchi, Adrien Maupas

PS-23 Session 234 08:00 - 09:30

Poster session: Paediatric asthma: novel insights in diagnosis and management

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Pulmonary rehabilitation Epidemiology Public health

Tag(s) : Clinical

Chairs : Astghik Baghdasaryan (Yerevan, Armenia), Václav Koucký (Tanvald, Czech Republic), Peter Csonka (Tampere, Finland)

Asthma Control in Children: Effects of Parental Practices and Adherence **PA2761**
Khaoula Ben Amor (Tunis, Tunisia), Besma Hamdi, Selma Zarrouk, Ella Nemsi, Eya Chouaiekh, Jamel Ammar, Sabrine Louhaichi, Agnès Hamzaoui

Coughing and Wheezing in Early Life Define Distinct Asthma and Lung Function Trajectories **PA2762**
Tamo Sultan (Gentofte, Denmark), Nicklas Brustad, Julie Nyholm Kyvsgaard, Signe Kjeldgaard Jensen, Liang Chen, Tingting Wang, Casper-Emil Tingskov, Anders Ulrik Eliasen, Karen A Krogfelt, Benjamin M Smith, Ann-Marie Malby Schoos, Nilo Vahman, Jonathan Thorsen, Morten Arendt Rasmussen, Jakob Stokholm, Nicole Prince, Jessica Lasky-Su, Bo Chawes, Klaus Bønnelykke

Does effective specific airway resistance complement spirometry in the diagnostic work-up of childhood asthma? **PA2763**
Beatriz Guerra Buezo (Bern, Switzerland), Mari Sasaki, Franco Romero, Jakob Usemann, Nicolas Regamey, Alexander Moeller, Philipp Latzin, Claudia Kuehni

Validation and Adaptation of Nijmegen Questionnaire (NQ) for Children and adolescents with asthma **PA2764**
ELENI THEOFANIDOU AXELSSON (stockholm, Sweden), Malin Nygren Bonnier, Björn Nordlund, Henrik Ljungberg, Helene Alexanderson

Asthma Incidence and Rhinitis/Asthma Severity – a pediatric SLIT vs SCIT non-inferiority cohort study **PA2765**
Jon Konradsen (Sollentuna, Sweden), Anna Hedman, Cecilia Lundholm, Resthie Putri, Maria Ingemansson, Catarina Almqvist

Modelling predictors of asthma remission and relapse during adolescence in the ALLIANCE cohort **PA2766**
Nicole Maison (Munich, Germany), Felix Forster, Sabina Illi, Ruth Grychtol, Markus Weckmann, Tobias Trojan, Silke van Koningsbruggen-Rietschel, Mustafa Abdo, Vera Veith, Marie Standl, Anna-Maria Dittrich, Klaus F. Rabe, Matthias V. Kopp, Erika von Mutius, Folke Brinkmann, Gesine Hansen, Dennis Nowak, Bianca Schaub

Beyond single risk factors: asthma whole-of-care patterns and readmission risk in children **PA2767**
Donato Vicendese (Carlton (VIC), Australia), Shyamali Dharmage, Anthony Flynn, Katherine Chen, Harriet Hiscock

Asthma remission from childhood to young adulthood – a population-based cohort study **PA2768**
Lina Broström (Stockholm, Sweden), Anna Bergström, Anne-Sophie Merritt, Maria Ödling, Erik Melén, Inger Kull, Sandra Ekström

Very-Low-Dose Budesonide-Formoterol Maintenance And Reliever Therapy (MART) Versus Fixed-Low-Dose Budesonide-Formoterol Plus As-Needed Salbutamol in Children 6-11 Years with Asthma: A Randomized Controlled Trial. **PA2769**
Sathya Srivatsav (Jodhpur, India), Prawin Kumar, Jagdish Goyal

Does Fractional Exhaled Nitric Oxide (FeNO) vary by time-of-day in paediatric asthma? **PA2770**
Nada Nasr (Leicester, United Kingdom), Ran Wang, Nneoma Ekweozor, Manisha Ramphul, David Lo, Hannah Durrington, Erol Gaillard

Functional exercise limitation despite preserved lung function in children with asthma **PA2771**
Danilo Rufino (São Paulo, Brazil), Ivan Costa, Etiene Carvalho, Dirceu Costa, Evelim Dantas

Spirometric phenotypes in schoolchildren: longitudinal study of preschool wheezers and controls **PA2772**
Sofia Lüning Thorin (Stockholm, Sweden), Idun Holmdahl, Anna Asarnoj, Angela Hoyer, Sabina Wärnberg Gerdin, Anastasia Filiou, Anna James, Cilla Söderhäll, Jon Konradsen

An evaluation of the impact of new asthma guidelines on prescribing practice and acute hospital attendance across Hampshire and the Isle of Wight. PA2773
Joshua Samuel (Salisbury, United Kingdom), Anna Selby, Stephanie Harper, Lucy Everitt, Joe Hardacre, Gary James Connett

Fidelity to Maintenance and Reliever Therapy (MART) in Paediatric Asthma: A Mixed Methods Study of Prescription Consistency in Clinical Practice PA2774
Bengisu Bassoy (Kent, United Kingdom), Louise Fleming, Sukeshi Makhecha

Acceptability of point-of-care testing for blood eosinophils and viral aetiology in children presenting with acute preschool wheeze enrolled in the PRECISE study. [NCT06580600] PA2775
HANNAH NORMAN-BRUCE (Belfast, United Kingdom), Clare Mills, Helen Groves, Tom Waterfield, Helen Groves

Spirometry versus impulse oscillometry in the evaluation of children with asthma PA2776
Tanvi Bafna (Pune, India), Khushboo Agarwal, Sanjay Bafna, Siddhant Lalwani, Suman Bisht

In vitro performance of valved holding chambers in paediatric asthma controller therapy PA2777
Laura Ojanperä (tampere, Finland), Lauri Lehtimäki, Peter Csonka

Development and validation of a prediction model for preschool wheeze attacks using point-of-care blood eosinophil counts PA2778
Kushalinii Hillson (London, United Kingdom), Sara Fontanella, Karina Mayoral Ortiz, Shane Lacbay, Ilaria Testa, Sophie Hay, Samantha Irving, Samatha Sonnappa, Louise Fleming, Andrew Bush, Sejal Saglani

Markers of Undiagnosed Asthma and Atopy: Data from GAN Phase I PA2779
Aniket Mondal (Jaipur, India), Nishtha Singh, Luis García-Marcos, Sheetu Singh, Chen Yuan Chiang, M Innes Asher, Asma I. El-Sony, Refiloe R. Masekela, Karen Bissell, Eamon Ellwood, Philippa Ellen Ellwood, Neil E. Pearce, Kevin J. Mortimer, Eva Morales, Arvind Kumar Sharma, Virendra Singh

The role of eosinophils in the management of acute paediatric wheeze: A scoping review PA2780
David McCleary (Belfast, United Kingdom), Qi Sen Gan, Tom Waterfield, Helen Groves, Jane McDowell, HANNAH NORMAN-BRUCE

PS-24 Session 235 08:00 - 09:30

Poster session: Advances in paediatric suppurative lung disease

Disease(s) : Airway diseases

Method(s) : Epidemiology Pulmonary function testing General respiratory patient care Cell and molecular biology Imaging Endoscopy and interventional pulmonology Surgery Public health

Tag(s) : Clinical

Chairs : Stefan Unger (Edinburgh, United Kingdom), Laura Venditto (London, United Kingdom), Charl Verwey (Johannesburg, South Africa)

Radiological Severity and Family-Reported Quality of Life in Paediatrica Non-CF Bronchiectasis PA2781
Marco Renna Bertoli (Roma, Italy), Fabrizio Virgili, Laura Petrarca, Raffaella Nenna, Maria Giulia Conti, Domenico P. La Regina, Lorenzo Lugo, Barbara Luongo, Enrica Mancino, Luigi Matera, Mattia Spatuzzo, Francesca M. Pulcinelli, Nicolas Landini, Marco Gennarini, Lucia Manganaro, Fabio Midulla

RNU4ATAC-opathies as a cause of non–cystic fibrosis bronchiectasis in children. PA2782
Martin Wetzke (Hannover, Germany), Christiane Lex, Ulrich Baumann, Sybille Landwehr-Kenzel, Sandra von Hardenberg, Christine Happle

Monitoring children and young people with non-CF bronchiectasis using Lung Clearance Index: a dual centre cohort study PA2783
Rebecca Hares (Edinburgh, United Kingdom), Samantha Irving, Jane Davies, Jody Forster, Siobhan Carr, Kenneth Macleod, Stefan Unger

Pediatric Non–Cystic Fibrosis Bronchiectasis in a Tertiary Children's Hospital, Athens PA2784
Maria Tsouprou (Athens , Greece), Despoina Koumpagioti, Spyridon Prountzos, Michalis Kalogiannis, Aspasia Mavronasou, Panagiotis Dalamarinis, Eleni Kortianou, Effrosyni Manali, Efthymia Alexsopoulou, Konstantinos Douros, Dafni Moriki

Normal Broncho-Arterial Ratio in Ukrainian Children and Its Use in HRCT Diagnosis of Bronchiectasis PA2785
Oleksandr Mazulov (Vinnytsia, Ukraine), Ivan Shevchuk

CRC Child-BEAR-Net international paediatric bronchiectasis registry: What's new Stephanie Yerkovich (South Brisbane, Australia), Ami Kantar, Anne Chang, O on behalf of the Child-BEAR-Net panel and registry	**PA2786**
Clinical Characteristics and Management of Paediatric Non-CF Bronchiectasis: Results from the Italian Child BEAR Net Registry Laura Petrarca (Roma (RM), Italy), Nicola Ullmann, Sergio Ghirardo, Raffaella Nenna, Maria Elisa Di Cicco, Fabio Cardinale, Valentina Fainardi, Sara Manti, Piercarlo Poli, Vittorio Romagnoli, Alessandra Boni, Maria Giulia Conti, Alessandro Zago, Renato Cutrera, Giulia Bertolucci, Sara Procoli, Simona Sottili, Fabio Midulla, Anne B Chang, Stephanie T Yerkovich, Ahmad Kantar	**PA2787**
Surgical Treatment of Bronchiectasis in Children: Indications and Outcomes Mahdi Abdennadher (Ariana, Tunisia), Fatma Inched Jemal, Amina Abdelkbir, Imen Bouacida, Henda Neji, Mariem Had Dahmane, Anas Chabchoub, Hazem Zribi, Adel Marghli	**PA2788**
Long-term follow-up of respiratory function in pediatric patients with non–cystic fibrosis bronchiectasis Michele Ghezzi (Bergamo, Italy), Roberta Grazi, Simona Ferraro, Nicolò Garancini, Giulia Grillo, Francesca Castelletti, Andrea Farolfi, Gian Vincenzo Zuccotti, Enza D'Auria	**PA2789**
Limited impact of BAL inflammatory phenotype on azithromycin use in children undergoing bronchoscopy Alice Ward (Cambridge, United Kingdom), Ankur Sharma, Theophilus Polychronakis	**PA2790**
Biomarkers in Primary Ciliary Dyskinesia (PCD) Laura Gardner (London, United Kingdom), Amelia Shoemark, Claire Hogg, Siobhán Carr, Matthew Coates, Jane Davies	**PA2791**
A survey on treatment burden among people with primary ciliary dyskinesia in Switzerland Yin Ting Lam (Zürich, Switzerland), Noah Forster, Nena Karavasiloglou, Valérie Schwartz, Andrea Fernandez-Rodriguez, Vasiliki Gkatzou, Laura Behan, Loretta Müller, Hansruedi Silberschmidt, Emilie Wattelier, Claudia E. Kuehni, Francesco Pagnini, Myrofora Goutaki	**PA2792**
Characterization of Monocyte Subsets in Sputum and Peripheral Blood in Primary Ciliary Dyskinesia: A Pilot Study Valentina Agnese Ferraro (Padova, Italy), Raimondo Junior Castaldo, Michela Pozzobon, Matteo Stocchero, Stefania Zanconato, Silvia Carraro	**PA2793**
Genetic characterization of a large cohort of Italian patients with Primary Ciliary Dyskinesia and analysis of mutations distribution across the country Maria Elisa Di Cicco (Pisa, Italy), Ludovica Adamo, Giulia Bertolucci, Debora Maj, Caterina Lucchesi, Angela Michelucci, Veronica Bertini, Angelo Valetto, Massimo Pifferi, Maria Adelaide Caligo, Diego Peroni	**PA2794**
Growth-related parameters and nutritional status of patients with primary ciliary dyskinesia (PCD): a systematic review Nena Karavasiloglou (Bern, Switzerland), Vasiliki Gkatzou, Andrea Fernandez-Rodriguez, Valérie Schwartz, Myrofora Goutaki	**PA2795**
Self-care in Paediatric Primary Ciliary Dyskinesia (PCD): Current evidence and unmet needs Julie Simpson (Birmingham, United Kingdom), Deepa Patel, Anne Armitage, Derrick Yates, Prasad Nagakumar, Priti Kenia	**PA2796**
Clinical profile of people with primary ciliary dyskinesia during pulmonary exacerbations Pinelopi Anagnostopoulou (Nicosia, Cyprus), Panayiotis Kouis, Dilber Ademhan Tural, Sarah Altaraihi, Simona Basilicata, Melissa Borrelli, Athina Christofidou, Hatice Nur Coemert, Renato Cutrera, Nagehan Emiralioglu, Ela Erdem, Yasemin Gokdemir, Serena Gracci, Elpis Hatziagorou, Simone Helms, Bulent Karadag, Debora Maj, Marcus A. Mall, June Marthin, Nicos Middleton, Antonio Moreno-Galdó, Ugur Özçelik, Massimo Pifferi, Anna Anagnostopoulou, Stavroula Louka, Anna-Maria Sachtouri, Johanna Raidt, Jobst Roehmel, Sandra Rovira-Amigo, Francesca Santamaria, Ioannis Tsiolakis, Nicola Ullmann, Niklas Ziegahn, Kim Nielsen, Heymut Omran, Panayiotis Yiallouros	**PA2797**
A Prospective Longitudinal Multicenter Italian Study on the Microbiological Status of Patients with Primary Ciliary Dyskinesia Nicola Ullmann (Roma (RM), Italy), Valentina Agnese Ferraro, Valentina Tonazzo, Alessandra Pandolfo, Chiara Astori, Claudia Biondi, Alessandra Boni, Melissa Borrelli, Alberta Circiello, Adele Corcione, Renato Cutrera, Valentina Fainardi, Giuseppe Fabio Parisi, Maria Francesca Patria, Giuseppe Scopelliti, Silvia Carraro	**PA2798**

Upper airway disease management in patients with Primary Ciliary Dyskinesia (PCD): Insights from the EPIC-PCD study **PA2799**
Vasiliki Gkatzou (Bern, Switzerland), Alexis Campos, Nena Karavasiloglou, Andrea Fernandez-Rodriguez, Eric G. Haarman, Rico N. Rinkel, Irma C.M. Bon, Nagehan Emiralioglu, Ugur Ozcelik, Oğuzhan Katar, Tugba Sismanlar Eyuboglu, Ayse Tana Aslan, Dafni Moriki, Charlotte O. Pioch, Isolde Hayn, Stephanie Thee, Nathalie Carvasaccio, Mihaela Alexandru, Eléonore de Garempel de Bressieux, Bülent Karadag, Ela Erdem Eralp, Yasemin Gokdemir, Mieke Boon, Céline Kempeneers, Anne-Lise Poirrier, Johanna Raidt, Panayiotis Yiallouros, Andreas Anagiotos, Suzanne Crowley, Sinan Ahmed D. Dheyauldeen, Hasnaa Ismail-Koch, Amanda Harris, Ana Reula, Miguel Armengot, Jean-François Papon, Myrofora Goutaki

Body Composition and Respiratory Status in Paediatric Primary Ciliary Dyskinesia: A Prospective Study **PA2800**
Ömer Faruk Ipek (Ankara, Türkiye), Uğur Özçelik, Nagehan Emiralioğlu, Tülin Kurtul Demirhan, Ersin Gümüş, Uğur Erkin Zeytinoğlu, Yağmur Ünsal, Aslıhan Çakmak Önal, Naciye Vardar Yağlı, Pelin Özçilingir Hakverdi, Tuğçe Kantemir, Ebru Yalçın, Deniz Doğru

PS-25 Session 236 08:00 - 09:30

Poster session: Sleep and non-invasive ventilation in children with underlying conditions

Disease(s) : Sleep and breathing disorders

Method(s) : Pulmonary function testing General respiratory patient care Epidemiology Physiology

Tag(s) : Clinical

Chairs : Laurianne Coutier (Bron, France), Kristien Vanhaverbeke (Berchem, Belgium), Martino Pavone (Roma (RM), Italy)

Late Breaking Abstract - The relationship between postoperative results and Body composition in pediatric OSA patients **PA2801**
CHAN SOON PARK (Seoul, Republic of Korea)

Resources of parents of children with tracheostomy and/or chronic respiratory insufficiency **PA2802**
Christina Keßler (Muenster, Germany), Sarah Kassebeer, Lea Marie Bitters, Retno Tenardi-Wenge, Monika Helena Tedy, Heymut Omran, Carmen Binnewies, Jörg Große-Onnebrink

Respiratory Trajectories in Children with Type I and II Spinal Muscular Atrophy in the Era of Disease modifying Therapies **PA2803**
Alix Mariez (Paris, France), Jessica Taytard, Susana Quijano-Roy, Lamiae Grimaldi, Rocio Garcia Uzquiano, Sophie Denamur

Depression among caregivers of children with spinal muscular atrophy type 1: a single-centre paediatric pulmonology experience **PA2804**
Julide Özgür (İstanbul, Türkiye), Gözde Cavıldak Karaaslan, Tuba Karakuş Sert, Yeliz Koç, Burak Taha Keşkekoğlu, Hakan Yazan, Sedat Öktem

Sleep study findings and ventilation initiation for children with Ullrich congenital muscular dystrophy (UCMD) **PA2805**
Shashank Kadam (London, United Kingdom), Aidan Laverty, Anna Sarkozy, Vasileios Patelis

Is Respiratory Rate related to Exacerbations in chronically ventilated pediatric neuromuscular Patients? **PA2806**
Sergio Ghirardo (Trieste, Italy), Laura Trapani, Simona Basilicata, Barbara Madini, Alessandro Amaddeo, Francesca Policastro

Risk of abnormal nocturnal oximetry parameters in infants with Spinal Muscular Atrophy prior to initiation of disease-modifying treatment **PA2807**
Georgia Koltsida (ATHENS, Greece), Angeliki Moudaki, Panagiota Panagiotou, Anastasia Paneta, Chrysa Outsika, Maria-Roser Pons, Christina Kanaka-Gantenbein, Athanasios G. Kaditis

Central sleep apnea and periodic breathing in children with associated diseases: a retrospective observational study **PA2808**
Marianna Laguardia (Roma, Italy), Arianna Rossi, Elisabetta Verrillo, Martino Pavone, Renato Cutrera

Early-Onset Kleine–Levin Syndrome Presenting in Infancy: A Case Report **PA2809**
Bader Altamimi (Riyadh, Saudi Arabia), Wadha Alotaibi, Hanin Alqethami, Hamad Alsadoon, Alanood Alanazi, Safa Eltahir, Jawaher Mukhtar, Salma Izzuldeen, May Alharbi, Abdullah Albishri, Maha Sheikho, Nojoud Alnahdi, Mohammed Alzaid

Clinical complexity, neurobehavioral features and family history in children referred for sleep evaluation. PA2810
Rufy Alejandro Suarez Perez (Logroño, Spain), Maria Alejandra Arias Hualpa, Alejandra Roncero Lázaro, Marta Cristeto Porras, Maria Aguado Agudo, Mariola Bretón Ruiz, Maria Torres Muga, Maria Dolores Ramirez Martinez, Amaia Perez de Nanclares Saez de Jauregui, Claudia Saenz Peso, Paula Vicente Hernando, Maria de la Fuente Grijalvo, Denahi Portillo Caldera, Alba Velasco Moyano, Daniela Balleza Rios, Jorge Lázaro Galán, Laura Pérez Bozalongo, Carlos Ruiz Martinez

Utility of Video-Based Sleep Assessment in Identifying Obstructive Sleep Apnea in Pediatric Mucopolysaccharidoses PA2811
CEREN AYÇA YILDIZ (İstanbul, Türkiye), Neval Metin Çakar, Eda Esra Baysal, Fulya Özdemircioğlu, M.Merve Akkitap Yiğit, Büşra Özgünay, Emre Uğurlu, Gülzar Alışbeyli, Fatma Gafarova, Şule Bektaş, Meltem Sabancı, Şeyda Karabulut, Emel Yılmaz Gümüş, Cansu Yılmaz Yeğit, Sebile Kılavuz, A.Pınar Ergenekon, Burcu Öztürk Hişmi, Yasemin Gökdemir, Ela Erdem Eralp, Refika Ersu, Bülent Karadağ

Quantifying Sleep-Disordered Breathing in Paediatric Sickle Cell Disease: preliminary results from a meta-analysis PA2812
Giulio Beretta (Seregno, Italy), Daniela Simoncini, Chiara Piccolo, Giuseppe Robustelli, Maddalena Marinoni, Massimo Agosti, Luana Nosetti

Social deprivation and longitudinal lung function decline in Duchenne muscular dystrophy: a retrospective paediatric cohort study PA2813
miriam murlis (cambridge, United Kingdom), Lauren Bradbury, Theofilos Polychronakis

Volume-assured pressure support for long-term non-invasive ventilation in children: a single-centre experience. PA2814
Charlotte Rampton (Southampton, United Kingdom), Lucy Everitt, Jodie Hiscutt, Catherine Griffiths, Ella Bedells, Hazel Evans

Can Sleep-Disordered Breathing be Predicted in Children with Cerebral Palsy? PA2815
UMAY KAVGACI (ANKARA, Türkiye), Emine Altay Tanyer, Nagehan Emiralioglu, Zeynep Ozeren, Ebru Yalcın, Deniz Dogru, Goknur Haliloglu, Ugur Ozcelik

Severity and Phenotype of Sleep-Disordered Breathing in Prader-Willi Syndrome Compared to Obstructive Sleep Apnea Syndrome in Children PA2816
Yuqing Wang (Suzhou, China), Xueyun Xu

Non-invasive ventilation in children presenting to Complications of Excess Weight clinic with Obstructive Sleep Apnoea PA2817
Eleanor Wells (London, United Kingdom), Katherine Harman, Cara Bossley, Sara Warraich, Martha Ford-Adams

Optimising Acute and Long Term Ventilation in Paediatrics: Impact and Design of a Physiologist-Physiotherapist Led Ventilation Ward Round in a Tertiary Centre PA2818
Natalie Blyth (Leicester, United Kingdom), Kay Calvert, Joe Madge, Prakash Patel, Kamini Jain, Tahera Doctor, Molla Imaduddin Ahmed

The Impact of Mechanical Insufflation-Exsufflation on Public Health Service Utilization Costs in Children PA2819
Joseph Munn (Toronto, Canada), Eyal Cohen, Andrea Gershon, Louise Rose, Jenny Shi, Reshma Amin

PS-26 Session 237 08:00 - 09:30

Poster session: Physical activity, sedentary behaviour and inactivity

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care | Thoracic oncology

Method(s) : General respiratory patient care | Respiratory intensive care | Pulmonary rehabilitation | Public health | Pulmonary function testing | Epidemiology

Tag(s) : Clinical, Prevention

Chairs : Thierry Troosters (Leuven, Belgium), Nazire Nur Yıldız (Niğde, Türkiye), Nicola Sante Diciolla (Madrid, Spain)

Late Breaking Abstract - Observational study of respiratory and functional deterioration post-COVID -19 in Colombian population PA2820
Jorge Enrique Daza Arana (Santiago de Cali, Colombia), Lina Fernanda Herrera-Oyola, Ruben Eduardo Varela Miranda, Danna Sofía Benjumea López, Alejandro Arteaga Prada, Oscar Eduardo Polo Alzate

Barriers and facilitators to physical activity adherence in a community-based intervention for lung cancer survivors: a qualitative study PA2821
Jordi Vilaró Casamitjana (Barcelona, Spain), Mireia Daura, Olga Canet, Jesús Brenes, Catalina Bonet, Melissa Heifez, Guilhermee Fregonezi, Ernest Nadal, Paula Jakszyn

Hospital-based physiotherapists use behaviour change techniques to improve physical activity? A cross-sectional survey Shaiane Salvidt de Matos (Florianópolis SC, Brazil), Ana Paula Prim, Carina Moreira, Graziele Barbosa, Josenilton Nascimento, Bheatriz Rocha, Jhon Santos, Clara Gonçalves, Marina Gonçalves, Manuela Karloh	**PA2822**
Exploring facilitators, barriers and opportunities of people with mild to moderate COPD to practice physical activity: a mixed-methods study Renato Reis (Alhos Vedros, Portugal), José Albino, Paula Duarte, Fátima Rodrigues, Ana Filipe Santos, Ana Martins, Carla Cruzinha, João Goulão, Filipa Januário, João Neiva Machado, Rafael Franco, Joana Cruz, Ana Rita Goes	**PA2823**
Factors related to physical inactivity and sedentary behaviour in patients with COPD after hospitalisation for severe exacerbation: an exploratory analysis Maria Antonia Ramon (Barcelona, Spain), Beatriz Valeiro, Esther Rodríguez, Jaume Ferrer	**PA2824**
The impact of dyspnea and fatigue severity on physical activity and physical capacity in patients with COPD Thais Tofoli (Londrina, Brazil), Britt Dorssers, Anouk W. Vaes, Banchia Palmen, Daisy J.A. Janssen, Lais Santin, Gustavo Pakuszewski, Fabio Pitta, Alex J. Van't Hul, Martijn Spruit	**PA2825**
Physical Activity and Sedentary Behaviour Interventions in COPD – an expert-based survey of current practices and challenges Nádia Hipólito (Leiria, Portugal), Sara Pimenta, Ana Ferreira, Joana Cruz	**PA2826**
Telephone-Based behavioral support to increase daily steps after ECOPD: A Randomized Controlled Trial Debora Mayumi de Oliveira Kawakami (Sao Carlos, Brazil), Heleen Demeyer, Gustavo Henrique Guimarães Araujo, Cleicy Lorrane Fernandes da Silva, Júlia Sallum Mansano, Nathany Souza Schafauser-Segundo, Maria Gabriela Colluci, Isabella Mariana Marques de Freitas, Leandro Gomes Mendonça, Valéria Amorim Pires di Lorenzo, Manuela Karloh, Renata Gonçalves Mendes	**PA2827**
Does physical capacity match physical activity after lung cancer surgery? A 'can do, do do' characterization of individuals with resectable non-small cell lung cancer Sarah Van Hoye (Diepenbeek, Belgium), Sarah Haesevoets, Eva Arents, Francesca Van Hulle, Nele Vandenbergh, David Ruttens, Maarten Criel, Dieter Stevens, Veerle Surmont, Lander Van Acker, Ingel Demedts, Els Wauters, Stephanie Everaerts, Daniel Langer, Heleen Demeyer, Chris Burtin	**PA2828**
Knowledge of people with COPD about World Health Organization's physical activity recommendations: a cross-sectional study Renato Reis (Alhos Vedros, Portugal), José Albino, Paula Duarte, Fátima Rodrigues, Ana Filipe Santos, Ana Martins, Carla Cruzinha, João Goulão, Filipa Januário, João Neiva Machado, Rafael Franco, Joana Cruz, Ana Rita Goes	**PA2829**
Feasibility of vigorous intensity lifestyle physical activity (VILPA) in sedentary adults: implications for respiratory disease Jordi Vilaró Casamitjana (Barcelona, Spain), Mireia Daura, Laura Ros, Alba Quiñonero, Guilherme Fregonezi, Paula Jakszyn	**PA2830**
Characteristics of pharmacological and non-pharmacological interventions on the effect of physical activity in patients with cystic fibrosis: a scoping review Bertus Lavaert (Ghent, Belgium), Heleen Demeyer, Marieke De Craemer, Manon Kinaupenne	**PA2831**
Changes in physical activity levels among youth with Cystic Fibrosis in the post modulator era: a longitudinal study Manon Kinaupenne (Ghent, Belgium), Ines Vandekerckhove, Stephanie Van Biervliet, Heidi Schaballie, Kristof Vandekerckhove, Heleen Demeyer, Marieke De Craemer	**PA2832**
Exercising with Comfort: Does Chair-Based Training Reduce Symptom Burden and Enhance Physical Activity in COPD? Esra Pehlivan (Istanbul, Türkiye), Zeynep Betül Özcan, Fulya Senem Karaahmetoğlu, Cahidenur Koçak, Mustafa Çörtük, Erdoğan Çetinkaya	**PA2833**
Changes in sedentary time and posture distribution after a pulmonary rehabilitation program specifically designed for sedentary behavior change. Gustavo Pakuszewski (Londrina, Brazil), Lais Santin, Thais Moçatto Tofoli, Amanda Pucca, Mariana Rosalem, Gabriela Siqueira, Fabio Pitta	**PA2834**
Measuring fear of movement in COPD: development and content validation of a disease-specific kinesiophobia scale Burcu Camcioğlu Yilmaz (Muğla, Türkiye), İsmail Atalay, Baki Umut Tuğay, Sabri Serhan Olcay, Sebahat Genç	**PA2835**

Comparison of sedentary time and physical activity between matched individuals with stable COPD from Brazil and The Netherlands **PA2836**
Thais Tofoli (Londrina, Brazil), Lais Santin, Anouk W. Vaes, Amanda Pucca, Gustavo Pakuszewski, Mariana Rosalem, Letícia Medeiros, Humberto Silva, Jeannet Delbressine, Britt Dörssers, Banchia Palmen, Alex J. Van't Hul, Daisy J.A. Janssen, Emiel F.M. Wouters, Yvonne M.J. Goërtz, Maarten Van Herck, Zjala Ebadi, Chris Burtin, Jeannette B. Peters, Melissa S.Y. Thong, Erik W.M.A. Bischoff, Jean W.M. Muris, Martijn Spruit, Fabio Pitta

Impaired Oxygen Consumption and Muscle Oxygen Utilization with Reduced Physical Activity in Patients with Interstitial Lung Disease Compared with Healthy Controls: A Cross-Sectional Study **PA2837**
Nazire Nur Yıldız (Niğde, Türkiye), Meral Boşnak Güçlü, Beyza Nur Öymez, Ayşenur Güvenir, Nilgün Yılmaz Demirci

Investigation of the relationship between functional capacity and subjective dyspnea and fatigue in young adult smokers **PA2838**
Kubra Kardes (Bahcelievler, Türkiye), Yunus Emre Tutuneken, Cicek Gunday

Thigh Muscle Circumference as a Predictor of Quality of Life and Physical Activity in Chronic Obstructive Pulmonary Disease **PA2839**
Emna Benjemia (Tunis, Tunisia), Yassine Foudhaili, Asma Saidane, Hend Ouertani, Haifa Zaibi, Jihen Ben Amar

PS-27 Session 238 08:00 - 09:30

Poster session: Treatable traits: prediction, methodology and clinical application

Disease(s) : Airway diseases Interstitial lung diseases Respiratory critical care Sleep and breathing disorders

Method(s) : Imaging Pulmonary rehabilitation General respiratory patient care Public health Pulmonary function testing Respiratory intensive care Physiology Palliative care

Tag(s) : Clinical, Translational , Digital health

Chairs : Dario Kohlbrenner (Zürich, Switzerland), Anne Holland (Fitzroy North (VIC), Australia), Nisa Akyazı (Mersin, Türkiye)

Late Breaking Abstract - Task-related cortical oxygenation between individuals with COPD and healthy controls: A functional near-infrared spectroscopy study **PA2840**
Melike Mese-Buran (Ankara, Türkiye), Aslihan Cakmak-Onal, Suveyda Sanli, Ece Kumlu, Asli Akyol-Gurses, Hasan Onur Keles, Ziya Toros Selcuk, Deniz Inal-Ince

Exploring the use of point-of-care ultrasound protocols for the lung and thoracic regions: A scoping review **PA2841**
Anastasia Newman (Hamilton, Canada), Harnoor Naru, Verena Siu, Caroline Jarvi, Hannah Morris, Kassidy Russell, Abigail Holmes, Sukhman Sekhon, Haneen Ali, Khang Nguyen, Christopher Farley, Karen Strike

Methodological heterogeneity in physiotherapist-led thoracic ultrasonography: a scoping review **PA2842**
Daniela Cortesão Fernandes (Lisboa, Portugal), Anastasia N. L. Newman, Vitor Hugo Azevedo, Raquel Maia, Alda Marques, Ana Oliveira

Upper extremity function: a marker of frailty in patients with acute exacerbation of COPD **PA2843**
Aylin Tanriverdi Eyolcu (Çankırı, Türkiye), Furkan Ozdemir, Ozkan Kılıc, Gulgun Cerci

A comparison of physiotherapy outcomes for the treatment of primary vs. secondary breathing pattern disorders (BrPD). **PA2844**
Chelliah Paramasivan (Cambridge, United Kingdom), Elizabeth Cole, Chelliah Paramaivan

Prevalence of Urinary Incontinence and Predictive Value of the CAT Questionnaire for Its Screening in Patients with Chronic Obstructive Pulmonary Disease **PA2845**
Aida Monge Esqué (Lleida, Spain), Clara Sanz, Carola Santiago, Sally Santisteve, Anna Vila, Iván Benítez, Esther Gracia, Anna Sánchez, Nerea Ramírez, Carlos Manzano, Ferran Barbé, Jessica González

Navigating health literacy in people with chronic obstructive pulmonary disease: A survey of UK clinicians' barriers and facilitators to supporting health literacy needs **PA2846**
Hannah Clifton (London, United Kingdom), Lindsay Bearne, Lindsay Welch, Dimitra Nikoletou

Time-dependent predictors of respiratory-related readmission following acute exacerbation of interstitial lung disease. **PA2847**
Tajima Shinya (Saitama, Japan), Yamakawa Hideaki, Miyatake Kazumasa, Arai Kenichi, Kubo Michihiro, Kanezaki Masashi

Validity and reliability of the Swedish version of the Bromton Breathing Pattern Assessment Tool in people with post COVID-19 contition related breathing difficulties **PA2848**
Carl Hallberg (Stockholm, Sweden), John Fohlin, Monika Fagevik Olsén, Alexandra Halvarsson, Malin Nygren-Bonnier, Anna Törnberg, Anna Svensson-Raskh

Adherence to airway clearance techniques (ACT) in primary ciliary dyskinesia (PCD): The role of diagnostic age and disease duration **PA2849**
Bryan Tin (London, United Kingdom), Stevie Peake

Electrical Impedance Tomography–Guided Respiratory Physiotherapy for Liberation From Prolonged Mechanical Ventilation: A Multicenter Randomized Controlled Trial **PA2850**
Li qing (Beijing, China), Yi Li, Hongying Jiang, Qing Li

Clinical Application of the Effect of Respiratory Muscles Electrical Stimulation on Weaning in Patients With Difficult Weaning of the Mechanical Ventilation **PA2851**
Shuo Chen (Beijing, China), Yi Li, Hongying Jiang, Guangyu Niu

An Artificial Intelligence Approach to Predicting Sepsis-Related Organ Failure (SOFA) in Intensive Care Unit Patients: CatBoost and SHAP Analysis **PA2852**
Begum Unlu (Istanbul, Türkiye), Rafet Umut Erdoğan, Talha Kılıç, Sema Nur Atmaca, Aysel Yıldız Ozer, Mine Gülden Polat

Contact sensor technology to measure respiratory rate using the pneumorator **PA2853**
JJ Hudson-Colby (Southampton, United Kingdom), Melissa Harding, Holly Baston, Shannon Brider, Finlay Yates, Mahdi Shaban, Neil White, Adam Lewis

Extrapulmonary treatable traits, health status and quality of life in individuals with stable COPD **PA2854**
Gabriela Siqueira (Londrina (PR), Brazil), Lais Santin, Amanda Pucca, Mariana Rosalem Vicentin, Leticia Medeiros, Gustavo Pakuszewski, Thais Tofoli, Fabio Pitta

Measurement agreement between conventional and telehealth-compatible devices for inspiratory muscle strength assessment **PA2855**
Nele Vandenbergh (Leuven, Belgium), Marine Van Hollebeke, Diego Poddighe, Iris Coosemans, Kaat Beckers, Joris De Smet, Lode Claes, Michaël Staes, Mathieu Brancaleone, Thierry Troosters, Wim Janssens, Stephanie Everaerts, Daniel Langer

Can the EAT-10 Screening Tool Identify Aspiration and Dysphagia Risk During Acute Exacerbation of COPD? Preliminary Pilot Study Findings **PA2856**
Sandra Brandon (Galway., Ireland), Ruth P Cusack, Ruth Mc Menamin, Stanislava Antonijevic-Elliott

Breathing pattern disorders (BPD) in Interstitial lung disease (ILD): A potential treatment target? **PA2857**
Claire Walker (Solihull, United Kingdom), Lisa Green, Anne-Marie Russell, Emma Briggs, Bethany Hemmings, Gareth Walters, Darsana Viswam, Christopher Huntley

Glittre-ADL performance to guide workload increment selection during incremental cycle testing in chronic respiratory diseases **PA2858**
Thiago Henrique da Silva Martins (Belo Horizonte, Brazil), Liliane Patrícia de Souza Mendes, Maria Clara Xavier Salles, Lucas Moreira Lima, Bianca Louise Carmona Rocha, Marcelo Velloso

PS-28 Session 239 08:00 - 09:30

Poster session: Pneumonia: prognosis and clinical outcomes

Disease(s) : Airway diseases

Method(s) : Epidemiology Imaging General respiratory patient care Pulmonary rehabilitation Respiratory intensive care Cell and molecular biology Endoscopy and interventional pulmonology Physiology Public health

Tag(s) : Clinical

Chairs : Dorina Esendagli (Ankara, Türkiye), Ana Motos Galera (Nantes, France), Nousheen Iqbal (Karachi (Sindh), Pakistan)

Late Breaking Abstract - Clinical validation of a novel wild type RSV-A challenge agent in healthy adults **PA2859**
Jelle Klein (Edegem, Belgium), Nele Verheyen, Katrin Van Leuven, Florence Maes, Anica Schraenen, Haiko Pillu, Ellen Verhavert, Sofie Schaerlaekens, Peter Delputte

Expiratory muscle strength at hospital discharge predicts 90-day recurrent pneumonia in older adults: A multicenter prospective observational study **PA2860**
Fumiya Nagata (Nagasaki, Japan), Tatsuya Morishita, Kazuaki Suyama, Shusuke Toyama, Akira Abiru, Toshiro Matsuzaki, Hideki Aoki, Shuhei Hashimoto, Yorihide Yanagita, Takako Tanaka, Ryo Kozu

Pulmonary artery diameter predicts mortality in pneumonia **PA2861**
Ariel Kenig (Jerusalem, Israel), Tal Sigawi, Yonatan Bachrach, Yehuda Malul, Fares Darawshy, Henny Azmanov, Rottem Kuint, Dan Padawer, Nuha Alsharif, Zvi Fridlender, Neville Berkman

Host Factors Associated with High-Mortality Pneumococcal Serotypes in Bacteremic Community-Acquired Pneumonia **PA2862**
Luis Alberto Ruiz Iturriaga (Barakaldo (Vizcaya), Spain), Francisco Sanz Herrero, Ainhoa Gomez Bonilla, Noelia Carrion Collado, Marta Garcia Clemente, Estrella Fernandez Fabrellas, Ane Uranga Echeverria, Beatriz Gomez Crespo, Borja Ortiz de Urbina Antia, Leyre Serrano Fernandez

Pleural Effusion independently predicts 30-day mortality in adults hospitalised with pneumonia **PA2864**
Malvika Bhatnagar (Oxford, United Kingdom), David Eyre, Najib M Rahman

Distribution of serotypes Str. Pneumoniae depending on the severity of the clinical course of COPD exacerbations. **PA2865**
Rano Nalibaeva (Tashkent, Uzbekistan), Irina Liverko

Eosinopenia Predicts Prognosis in Severe Community-Acquired Pneumonia **PA2866**
Catia Cilloniz Campos (Barcelona, Spain), Tatiana Castañeda, Antonio Campanella, Riccardo Guglielmi, Albert Gabarrus, Sara Granero, Cristina Calvo-García, Maria Angeles Marcos, Antoni Torres

Mortality of adults hospitalized with community-acquired pneumonia in a tertiary level pulmonary clinic **PA2867**
Doina Rusu (Chisinau, Republic of Moldova), Alexandru Corlateanu, Eugenia Scutaru

Predictors of 30- and 90-Day Mortality and the Prognostic Role of Inflammatory Marker Trends in Klebsiella pneumoniae Infections **PA2868**
Ahmet Ursavaş (Bursa, Türkiye), Ozge Aydin Guclu, Nilüfer Aylin Acet Öztürk, Hatice Koru, Ezgi Demirdöğen, Aslı Görek Dilektaşlı, Cüneyt Özakın

Pleural and blood inflammatory markers are associated with disease severity and clinical outcomes in pleural infection **PA2869**
Amy Gilmour (Dundee, United Kingdom), Holly Lind, Emily Ward, Duncan Sanderson, Rebecca C Hull, Kateryna Viligorska, Jaa Ming New, Lewis Marshall, Helen Liddicoat, Rachel Galloway, Nikolaos Kanellakis, Najib Rahman, David Arnold, Merete B Long, James D Chalmers, Philip Short

Less is More: Low-Dose Intrapleural Fibrinolysis for Complex Parapneumonic Pleural Effusions - Safety and Efficacy in a Large UK Cohort **PA2870**
Manmohan Sandhu (London, United Kingdom), Rahul Puri, Sean Walsh, Bastien Ruiz, Prasheena Naran, Benjamin Hopwood, Ina Ko, Cristina Torrealba, Rudy Sinharay, Mirae Park, Clare Ross, Anand Sundaralingam

Correlation of chest CT patterns with pleural fluid biochemistry, inflammatory markers and microbiology in adult pleural infection: a pilot study. **PA2871**
Alguili Elsheikh (Oxford, United Kingdom), Olivia Walsh, Dahlia dul-Rahman, Malvika Bhatnagar, Malitha Samarage, Mohamed Dembele, Suhail Khan, Beenish Iqbal, Nikolaos Kanellakis, Julia Y.Chu6, Yinzhou Feng, Rachel Benamore, Louise Wing, Eihab O Bedawi, Rob Hallifax, Eleanor Mishra, Najib M Rahman

Profiling the transcriptome of peripheral blood leukocytes and isolated neutrophils in pleural infection: data from the PIRATE study **PA2872**
Amy Gilmour (Dundee, United Kingdom), Holly Lind, Rebecca C Hull, Emily Ward, Duncan Sanderson, Kateryna Viligorska, Jaa Ming New, Lewis Marshall, Helen Liddicoat, Rachel Galloway, Merete B Long, James D Chalmers

Impact of frailty index in community-acquired pneumonia cases on pneumonia severity, mortality in hospital, 1-month and 3-month mortality **PA2873**
Hatice Kılıç (Ankara, Türkiye), Kübra Arslan Demir

Stage of Cardiovascular-Kidney-Metabolic (CKM) Syndrome Predicts the Risk of Respiratory Infections and Mortality in Bronchiectasis **PA2874**
Wang Chun Kwok (Hong Kong, Hong Kong)

High Mortality Despite Guideline-Aligned Care: A Pleural Infection Service Evaluation Against ERS/ESTS Standards **PA2875**
Sana Ahmad (Leeds, United Kingdom), Abid Khan, Kathryn Gracie

Intrapleural enzyme therapy or surgery first in pleural infection: a a United Kingdom national survey of clinical practice **PA2876**
Malvika Bhatnagar (Oxford, United Kingdom), Elizabeth Belcher, Alguili Elsheikh, Najib M Rahman, Eihab O Bedawi

Prognostic performance of the RAPID score in pleural infection: A systematic review and meta-analysis **PA2877**
Alguili Elsheikh (Oxford, United Kingdom), Criag Mounsey, Dinesh Addala, Beenish Iqbal, Eli Harriss, Jasmine Sadler – ladell, Malvika Bhatnagar, Eihab Bedawi, Sergio Llaneza-Lago, Yinzhou Feng, Julia Y.Chu, Nikolaos Kanellakis, Emma Hedley, Eleanor Mishra, Rob Hallifax, Najib Rahman

Long-term clinical, radiological and physiological outcomes following pleural infection: A retrospective analysis of management strategy and impact of comorbidity burden **PA2878**
Sadia Imtiaz (Kent, United Kingdom), Kabita Pathak, Athina Bhuiyan, Vidisha Kishore, Hira Mohammad, Khalil Ur Rehman

PS-29 Session 240 08:00 - 09:30

Poster session: Bronchiectasis: care pathways, monitoring and therapeutic strategy

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Imaging Pulmonary function testing Epidemiology Public health Physiology Respiratory intensive care Palliative care Cell and molecular biology

Tag(s) : Clinical

Chairs : Melissa McDonnell (Oranmore (Co Galway), Ireland), Victoria Alcaraz-Serrano (vilafranca del penedes, Spain), Kozo Morimoto (Tokyo, Japan)

Late Breaking Abstract - Airway resistome in bronchiectasis shows high inter-individual variability but limited temporal change despite long-term macrolide and inhaled antibiotic therapy: a 12-month metagenomic study **PA2879**
Inês Azevedo (Porto, Portugal), Efrat Muller, Luis Gonzalez, Alexandre Almeida, Adelina Amorim, Ricardo Araujo

Clinical predictors of emergency department consultation and hospitalization in patients with bronchiectasis **PA2880**
Pau Marrades Segura (Badalona (Barcelona), Spain), Alessandra Iorfida, Alessandro Di Angelis, Lidia Perea, Núria Mendoza, Pilar Martinez-Olondris, Rosanel Amaro, Alvar Agustí, Rosa Faner, Antonio Voza, James D. Chalmers, Stefano Aliberti, Oriol Sibila

Mapping Bronchiectasis Care in Italy: A Nationwide Survey and Consensus-Based Classification of Centers **PA2881**
Alessandro De Angelis (Milano, Italy), Vittoria Comellini, Andrea Gramegna, Salvatore Battaglia, Giuliano Montemurro, Angela Bellofiore, Francesco Pagnini, Emilia Privitera, Margherita Ori, Edoardo Simonetta, Mattia Nigro, James D. Chalmers, Donatella Nobile, Francesco Blasi, Stefano Aliberti

Severity-Driven Variation in Long-Term Antibiotic Prophylaxis Among Adults With Bronchiectasis **PA2882**
Muhammad Salman Rashid (Leeds, United Kingdom), Akhil Prakash Sawant

Treatment patterns and healthcare resource utilization associated with bronchiectasis and pulmonary exacerbations in Spain **PA2883**
Deval Gor (Bridgewater, United States), Miguel Angel Martinez-Garcia, Scarlette Kienzle, Ignacio Hernández, Laura Lledó, Maria García Marquez, Joseph Feliciano

Pneumococcal and influenza vaccination status and clinical correlates in adults with bronchiectasis: a multicenter cross-sectional study from the TEBVEB registry **PA2884**
Ezgi Demirdogen (Bursa, Türkiye), Ebru Çakır Edis, Aykut Çilli, Deniz Kızılırmak, Ayşın Şakar Coşkun, Nurcan Güler, Sedat Çiçek, Can Sevinç, Meltem Çoban Ağca, İnci Gülmez, Benan Çağlayan, Mehmet Kabak, Elif Yelda Özgün Niksarlıoğlu, Nurdan Köktürk, Özge Aydın Güçlü, Birsen Ocaklı, Serap Argun Barış, Neslihan Özçelik, Adil Zamani, Gülşah Günlüoğlu, İlim Irmak, Berna Akıncı Özyürek, Armağan Hazar, Derya Yenibertiz, Mustafa Çolak, Pınar Yıldız Gülhan, Burcu Yalçın, Serdar Berk, Oya Baydar Toprak, İlknur Başyiğit, Tekin Yıldız, Bahar Kurt, Ayşe Naz Taşkın, Cenk Babayiğit, Kıvılcım Oğuzülgen, Yavuz Havlucu, Zuhal Ekici Ünsal, Füsun Öner Eyüboğlu, Abdullah Sayıner

Real-World Outcomes of Nebulized Levofloxacin in Chronic Bronchial Infection and Non-Cystic Fibrosis Bronchiectasis: A Comparative Analysis from the INBREATHING Registry **PA2885**
Beatriz Raboso Moreno (Madrid, Spain), Iván D. Benítez, Carlos Sánchez Villar, Carmen Calero, Mariela Alvarado Miranda, Marta Erro, Estefania Llopis Pastor, Ezequiel Baran, Violeta Esteban, Ester Zamarrón, Layla Diab, Cristina Pou, Xavier Pomares, Concepción Montón, Blanca Urrutia Royo, Rosa Girón, Alicia Sayés, Eduardo José García, Juan Pablo de Torres, Roser Ferrer Costa, Joan Llopis Pitarch, Marta Vidal Ortola, Carlos Manzano, Sally Santisteve, Aida Monge, Anna Moncusí-Moix, Anna Sánchez-Cucó, Ferrán Barbé, Guillermo Suarez- Cuartín, David De la Rosa, Jessica González

Nationwide-survey of bronchiectasis-rheumatoid arthritis overlap syndrome: the need for a comprehensive approach Hisako Matsumoto (Sakai, Japan), Takanori Asakura, Taio Naniwa, Koichi Fukunaga, Yasuhiko Yamano, Tsukie Kin Tsukuda, Hiroto Takiguchi, Takafumi Suda, Masato Muraki, Shigeto Tohma, Yoshifumi Yamamoto, Kozo Morimoto, Kota Shimada, Isao Ito, Kenta Misaki, Hiroaki Nakagawa, Yasutaka Nakano, Koji Kinoshita, Kazuya Yoshikawa, Ryo Yamazaki, Yusaku Nishikawa, Osamu Nishiyama, Toshihiro Matsui	**PA2886**
Clinical Benefit Analysis of Erdosteine plus azithromycin in comparsion to standard care in preventing exacerbation in recovered cases of acute exacerbation of Bronchiectasis Shital Vishnu Patil (Latur (Maharashtra), India), Deepak Muthreja, Swati Patil, Gajanan Gondhali, Devang Kukarni, Sanidhaya Tak, Ganesh Narwade, Manoj Bhadake, Ashok Kuwal	**PA2887**
Concordance of diagnostic tests in siblings with Primary Ciliary Dyskinesia Katharine Harman (London, United Kingdom), Mathieu Bottier, Mellisa Dixon, Rhiannon Mclellan, Emily Howieson, Stephanie Blake, Roisin Healy, Sarah Ollosson, Charlotte Richardson, Ranjit Rai, Farheen Daudvohra, Thomas Burgoyne, Hannah Mitchison, Laura Gardner, Andrew Rogers, Andrew Fleming, Lizi Briggs, Siobhan Carr, Michael Loebinger, Deborah Morris-Rosendahl, Amelia Shoemark, Claire Hogg	**PA2888**
Integrative Metagenomic and Clinical Model for Predicting Acute Exacerbation-Related Hospitalization in Bronchiectasis Zhimin Zeng (Guangzhou, China), Fengjia Chen, Yubiao Guo, Yangli Liu	**PA2889**
Heterogeneous Recovery Trajectories of Exercise Capacity in COVID-19 Survivors: A Longitudinal Study Integrating Metabolomics Rongling Zhang (Beijing, China), Xiaoying Gu, Bin Cao	**PA2890**
Eosinophilic Bronchiectasis and the Risk of Mycobacterial Infection: A Multicenter Study from Taiwan CHIH-HUNG CHENG (Kaohsiung, Taiwan), Meng-Hsuan Cheng, Hung-Ling Huang, Chau-Chyun Sheu, Taiwan Taiwan Bronchiectasis Research Collaboration (TBARC)	**PA2891**
Relationship of impulse oscillometry with clinical, radiological and morphological parameters in adult non-cystic fibrosis bronchiectasis Selma Nur Özkiraz Binici (Izmir, Türkiye), Serir Ozkan, Seher Susam, Onur Binici	**PA2892**
Small airway dysfunction in non cystic fibrosis bronchiectasis Marina Aiello (Parma (PR), Italy), Annalisa Frizzelli, Rocco Accogli, Alessandra Marchese, Roberta Pisi, Olha Bondarenko, Martina De Vitis, Alfredo Chetta	**PA2893**
Non-Cystic Fibrosis Bronchiectasis severity in the Amazon region: functional and infectious determinants assessed by spirometry and the E-FACED score Hirley Gabriel Reimão Noronha (Belém, Brazil), Alice Barroso Guimarães, Cristal Louise Antunes Gonçalves, Antônio Gabriel Figueiredo Velloso, Maria Emília da Silva Coelho, Poliana Soares de Souza, Gabriela de Arruda Custódio, Victor Dias Nogueira, Aline Sandi Bastos Matos, Walber Henrique Cunha Azevedo, Carlos Augusto Abreu Alberio, Ana Carolina Contente Braga de Souza, João Soares Felicio, José Tadeu Colares Monteiro	**PA2894**
Safety and efficacy of metered dose inhaler versus dry powder inhaler when pre-dosing a nebulised drug in patients with Bronchiectasis Rebecca Ingram (Cambridge, United Kingdom), Rebecca Hawkins, Uta Hill	**PA2895**
Does the FACED score truly reflect the severity of bronchiectasis ? Yossr Aloulou (TUNIS, Tunisia), Sirine Arfa, Yosr Aloulou, Yosr Tayari, Skhiri Sawsen, Fatma Boujmil, Mariem Mjid, Sonia Toujani, Sana Cheikhrouhou, Abir Hedhli, Besma Dhahri	**PA2896**
Predictive factors of progression to chronic respiratory failure in bronchiectasis Yossr Aloulou (TUNIS, Tunisia), Saoussen Skhiri, Sirine Arfa, Fatma Boujmil, Yosr Tayari, Mariem Mjid, Sonia Toujani, Sana Cheikhrouhou, Abir Hedhli, Besma Dhahri	**PA2897**
Multidimensional Geriatric Assessment Improves Risk Stratification Beyond Conventional Pneumonia Severity Scores Merve Ayık Türk (Izmir, Türkiye), Feride Gülcüler, Özgür Batum, Umut Gök, Melisa Aslan, Sami Deniz, Nigar Dirican, Sibel Doruk, Yelda Varol	**PA2898**

PS-3 Session 241 08:00 - 09:30

Poster session: Broadening the horizon II: pulmonary rehabilitation beyond COPD

Disease(s) : Sleep and breathing disorders | Pulmonary vascular diseases | Airway diseases

Method(s) : Epidemiology | General respiratory patient care | Physiology | Pulmonary function testing | Pulmonary rehabilitation | Cell and molecular biology | Public health

Tag(s) : Clinical

Chairs : Konstantina Dipla (Serres, Greece), Karin B. Fieten (Davos Clavadel, Switzerland), Sarah Gephine (Pérenchies, France)

Impact of Dietary Nitrate Supplementation on Exercise Performance in Long COVID-19 Patients with Persistent Breathlessness: The EDEN-Ox 4 Study Nicholas Hopkinson (London, United Kingdom), Mansour Majrshi, Ahmed A. Alzahrani, Peter M. George, Peter S. Fenwick, Laura C. Price, Jane A. Mitchell, Michael I. Polkey, Nicholas S. Hopkinson	**PA2899**
Revealing Hidden Inflammatory Alterations in Long COVID via Exercise Challenge: Focus on gp130 Ligands Rafael Rivilla Rivilla (SEVILLE, Spain), Pilar Cejudo Ramos, Erian Roque Betancourt, Inmaculada Ortiz Molina, Rosa María Vázquez Sánchez, Matilde Bustos, María Ángeles Rodriguez Hernández	**PA2900**
Rehabilitation with vs. without a Live, Video-based Maintenance Program for Post-COVID-19 Recovery: A randomized Controlled Trial (ReLoAd 2.0) Inga Jarosch (Schönau am Königssee, Germany), Tessa Schneeberger, Rainer Gloeckl, Rixa Hahn, Daniela Kroll, Martina Boensch, Andreas Rembert Koczulla	**PA2901**
Chest-wearable respiratory monitoring to detect altered breathing patterns in Long Covid Passara Chanchotisatien (Edinburgh, United Kingdom), Rachael Evans, Dk Arvind	**PA2902**
Long-term recovery after exercise-based rehabilitation in Long COVID: a qualitative exploration of symptom burden and exercise barriers Sneha Chakraverty (Newcastle Upon Tyne, United Kingdom), Emily Hume, Dimitrios Megaritis, Georgia Baker, Enya Daynes, Carlos Echevarria, Catherine Haighton, Rachael Evans, Sally Singh, Ioannis Vogiatzis	**PA2903**
Whole-body neuromuscular electrical stimulation as an adjunct in Long COVID rehabilitation: a blinded randomized controlled trial with a control group Nelson Francisco Serrão Júnior (Rio Grande do Sul, Brazil), Aldair Darlan Santos-de-Araújo, Bárbara Rocha de Oliveira Garcia, Daniela Bassi-Dibai, Patrícia Camargo, Paula Ricci, Audrey Borghi-Silva	**PA2904**
A NEW PROPOSAL FOR UNSUPPORTED UPPER LIMB TEST IN INDIVIDUALS WITH POST-COVID-19 SYNDROME Thiago Henrique da Silva Martins (Belo Horizonte, Brazil), Cristino Carneiro Oliveira, Isis Santos Araújo, Bianca Louise Carmona Rocha, Marina Rodrigues, Carolina Coimbra Marinho, Liliane Patrícia de Souza Mendes, Marcelo Velloso	**PA2905**
Myalgic Encephalomyelitis in Long Covid – Is it just fatigue? Nikolaos Athanasiou (Athens, Greece), Antonios Kontaxakis, Vassiliki Petta, Archontoula Antonoglou, Panteleimon Gounopoulos, Georgia Stavropoulou, Emmanouil Petrou, Andreas Antoniou, Efstathia Barmpouti, Evniki Ntinopoulou, Stavroula Spetsioti, Dimitrios Spaggoulakis, Martha Katsarou, Eleni Iasonidou, Maria Karitinou, Andreas Asimakos, Paraskevi Katsaounou	**PA2906**
Persistent Sex Differences in Long COVID Pulmonary Recovery: 6- and 12-Month Follow-Up of Spirometry and Functional Capacity Lev Ramirez (Bogota, Colombia), Camila Cobos-Moya	**PA2907**
Factors to consider when designing exercise-based rehabilitation programmes for Long Covid patients - A qualitative evaluation Kate Kontou (Leicester, United Kingdom), Jennifer L. Creese, Nicola A. Bateman, Linzy Houchen-Wolloff	**PA2908**
Vagus Nerve Stimulation for Long COVID Syndrome: A Systematic Review of Clinical Trials Adrian Balan (Timisoara, Romania), Stefan Mihaicuta, Graham Giles, Sorin Herban, Marius Marcu, Stefan Marian Frent	**PA2909**
Severe asthma patient perspectives on tele-supported inspiratory muscle training: a qualitative study Cahidenur Kocak Oruc (Pendik, Türkiye), Esra Pehlivan, Seyma Baslilar	**PA2910**
Comparative analysis of quality-of-life questionnaires after rehabilitation in severe asthma Cahidenur Kocak Oruc (Pendik, Türkiye), Esra Pehlivan, Seyma Baslilar	**PA2911**
Capacity-engagement profiles and outcomes of pulmonary rehabilitation at altitude in severe uncontrolled asthma Karin B. Fieten (Davos Clavadel, Switzerland), Paola Urroz Guerrero, Anne de Vries, Wijnand Mahler, Elsa Gerretsen, Michael Furian, Vanessa McDonald	**PA2912**

Sustaining physical activity levels over 12 months after alpine altitude climate treatment in patients with severe uncontrolled asthma **PA2913**
Karin B. Fieten (Davos Clavadel, Switzerland), Lianne ten Have, Fleur Meulmeester, Anneke ten Brinke, Kim de Jong, Christiaan Boerma, Jaap Sont

Longitudinal dynamics of serum creatinine and its prognostic impact in chronic heart failure: a joint modeling analysis **PA2914**
Gustavo Henrique Guimarães Araujo (São Carlos, Brazil), Ana Cláudia Pereira, Gustavo Alexandre Cruz, Letícia de Paula Ferreira, Leonardo Furlan Ferro, Pedro Henrique Silva Granjeiro, Gustavo Zani, Claudio Ricardo de Oliveira, Audrey Borghi-Silva, Meliza Goi Roscani

Whole-body electrostimulation simultaneously improves functional performance and endothelial function in Heart Failure **PA2915**
Audrey Borghi Silva (São Carlos (SP), Brazil), Patrícia F. Camargo, Ana Cláudia Pereira, Guilherme Peixoto Tinoco Arêas, Guilherme Dionir Back, Cássia da Luz Goulart, Paula Angélica Ricci, Nelson Francisco Serrão Jr, Audrey Borghi-Silva

Impact of Pulmonary Function and Diffusing Capacity on Oxygen Uptake Efficiency (OUES) in Overweight and Obese **PA2916**
Gustavo Henrique Guimarães Araujo (São Carlos, Brazil), Ana Cláudia Pereira, Renata Trimer, Flávia Cristina Caruso Bonjorno, Juliana Aparecida Cândido, Ross Arena, Audrey Borghi-Silva

Association of Hypertension, Diabetes Mellitus, and Smoking with the Severity of Obstructive Lung Disease Among Obese Adults: A Retrospective Cross-Sectional Study **PA2917**
Danielle Ligores (Muntinlupa, Philippines), Michelle Angela Tan-Reyes

PS-30 Session 242 08:00 - 09:30

Poster session: Towards better tuberculosis care: patient-centred, programmatic and health system perspectives

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health General respiratory patient care

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Ignacio Monedero Recuero (Vilanova i la Geltru (Barcelona), Spain), Ayşegül Fusun Öner Eyüboğlu (Ankara, Türkiye), Olha Konstantynovska (Kharkiv, Ukraine)

Late Breaking Abstract - Impact of the shortened 6-month BPaLM/BPaL regimen on treatment success, mortality, and loss to follow-up in drug-resistant tuberculosis: a multi-country data analysis **PA2918**
Maria Diachenko (Kyiv, Ukraine), Sandeep Juneja, Aastha Gupta

Implementation of physician-augmented counselling within India's National TB Elimination Programme and its association with outcomes in drug-sensitive pulmonary tuberculosis **PA2919**
Bhaumik Kamdar (Mumbai, India), Shradha Bajan, Girija Nair, Shahid Patel, Lavina Mirchandani, Nikhil Sarangdhar

Pragmatic Clinical Tools for Identifying Tuberculosis Transmission Risk in Household Contacts **PA2920**
Qi Tan (Taizhou(Jiangsu), China), Chuan-Chin Huang, Mercedes Becerra, Roger Calderon, Carmen Contreras, Leonid Lecca, Judith Jimenez, Rosa Yataco, Jerome Galea, Zibiao Zhang, Megan Murray

The barrier in adherence to tubercular preventive therapy by close contact of TB patient-A mixed method study. **PA2921**
ARCHANA MALIK (Deoghar, India), Ananda Datta, Vinyagmoorthy V, Sarthak Das

Adherence to New Drug Regimens in MDR-TB Programmatic Management: Insights from a Retrospective Mixed-Method Study in Bangladesh **PA2923**
Farzana Zaman (Dhaka, Bangladesh)

A people-centered approach to TB treatment: respect for rights, dignity, and partnership in treatment **PA2924**
Yana Terleieva (Kyiv, Ukraine), Olha Gvozdetska, Oksana Ushakova, Olha Sakalska, Olesia Medvedieva, Arianna Kravchuk, Oksana Rossovska, Kateryna Denysenko

Demographic characteristics of multidrug-resistant tuberculosis (MDR-TB) patients in Lithuania in 2015-2025 **PA2925**
Greta Musteikiene (Kaunas, Lithuania), Žydrūnė Tautkienė, Skaidrius Miliauskas

The trajectory of body mass index (BMI) in patients treated for pulmonary tuberculosis (PTB): An analysis of the PredictTB trial. **PA2926**
Donald Simon (Rotterdam, Netherlands), Maynard Meiring, Anandi Bierman, Jill Winter, Clifton E. Barry, Stephanus Malherbe, Gerhard Walzl

Prevalence and associated factors of undernutrition among drug-sensitive pulmonary tuberculosis patients in central Burkina Faso **PA2927**
Ragnagnewendé Mohamed Ismaël Tanguy NIKIEMA (OUAGADOUGOU, Burkina Faso), Gilbert Nongkouni, Rokya Drabo, Patrick Katoto, Zuhal Karakurt, Ozge Yilmaz, Bénoit Nemery, Abdoul Risgou Ouédraogo

Tuberculosis stigma and treatment continuity in internally displaced patients: different drivers, different clinical consequences **PA2928**
Iryna Makoida (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Olha Molodovets, Olha Melnyk-Sheremeta, Alla Zuban, Lesia Maniv

Digital adherence technologies (DATs) for tuberculosis (TB) treatment support in Ukraine: scale, outcomes, and sustainability considerations **PA2929**
Volodymyr Kochanov (Kyiv, Ukraine), Myroslava Germanovych, Aleksey Bogdanov, Gunta Dravniece

RIPE for Error? Evaluating Generative AI Recommendations for Tuberculosis Treatment **PA2930**
Thomas Barnett (London, United Kingdom), Balamayran Ketheeswaran, Paramita Palchaudhuri, Erik Skyllberg

Long-term trends of hospitalised patients with tuberculosis in Central Japan, a representative low-burden country: a 15-year analysis **PA2931**
Kei Kanata (Shimada, Japan), Toshihiro Shirai, Kazuhiro Asada, Anna Ochiai, Shoma Matsushita, Yutaro Ito, Koshiro Ichijo, Masahiro Uehara

Online educational resources for tuberculosis infection screening and treatment in migrants: a national survey. **PA2932**
Pilar Hernandez-Jimenez (Madrid, Spain), Sulaimaan Sheikh, Lara Kabalan, Alasdair Frater, Jinming Zhang, Yunfei Long, Heinke Kunst

Understanding TB in migrant populations: Socioeconomic, clinical, and treatment determinants in Morocco **PA2933**
Omayma Benbrik (Agadir, Morocco), Oumaima Bounar, Laila Lahlou, Hind Serhane

Evaluation of latent tuberculosis infection risk in liver transplant recipients **PA2934**
Özlem Özdemir Kumbasar (Ankara, Türkiye), Miraç Öz Kahya, Serhat Erol, Dilara Kış Gökçecik, Elvan Onur Kırımker, Güle Çınar, Akın Fırat Kocaay, Deniz Balcı

Missed opportunities for tuberculosis prevention: reduced contact screening among foreign-born patients in Denmark **PA2935**
Ole Skouvig Pedersen (Aarhus, Denmark), Victor Naestholtt Dahl, Søren Sperling, Frauke Rudolf, Ole Hilberg, Christian Wejse, Andreas Fløe

From test to treatment: IGRA positive migrant referrals in a South East London TB service **PA2936**
Christine Joerres (London, United Kingdom), Balamayran Ketheeswaran, Paramita Palchaudhuri, Mohammed Tamim, Erik Skyllberg

Tuberculosis screening practices in lung cancer patients receiving immune checkpoint inhibitors in South London. **PA2937**
Rosa Evans (London, United Kingdom), Gabriel Wisenfield-Paine, Thomas Simpson, Lucy Baker

PS-31 Session 243 08:00 - 09:30

Poster session: Translating lung cancer: exploring new pathways on pathogenesis, treatment, resistance and toxicity

Disease(s) : Thoracic oncology Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Epidemiology Imaging Palliative care Public health Pulmonary function testing Endoscopy and interventional pulmonology Surgery General respiratory patient care

Tag(s) : Basic science, Clinical, Translational

Chairs : Ilona Tietzova (Prague, Czech Republic), Eric Daniel Tenda (Jakarta, Indonesia), Agata Raniszewska-Borys (Warszawa, Poland)

Late Breaking Abstract - The multifactorial role of microRNA-199 in suppression of tumorigenesis in NSCLC **PA2938**
KAPIL DEV (NEW DELHI, India), Gulnaz Tabassum, Syed Mansoor Ali

Cancer-associated fibroblast-derived extracellular vesicles loaded with GLUT1 inhibitor synergize anti-PD-L1 to suppress tumor growth via degrading matrix stiffness and remodeling tumor microenvironment **PA2939**
Yali Wu (Wuhan (Hubei), China), Yang Jin, Mengfei Guo, Wenjuan Chen, Jingjing Deng

N6- methyladenosine mRNA methylation of MPZL3 regulates EGFR signalling to mediate EGFR TKI resistance in EGFR-mutant lung adenocarcinoma Zhening Pu (wuxi, China), jiao meng, Jingyi Fan, Haoda Yu, Ping Sun, Chu Qin, Ying Yin, Daxing Xu, Bo Zhang, Juncheng Dai	**PA2940**
Lymph node–derived lung cancer organoids generated by EBUS: Architecture and enhanced mesenchymal gene expression Juan Pablo Orozco Zapata (L'Hospitalet De Llobregat, Spain), Melissa Acosta-Plasencia, Martin Ramonda, Manuela Herrera Tamayo, Carlos Daniel Rodriguez Padilla, Naiara Vega, Ainhoa Fontana, Yi Liu, Risha Na, Daniel Martínez, Ricard Ramos, Clara Rodrigo Juan, Juan Carlos Laguna, Laura Mezquita, Noemí Reguart Aransay, Carmen Lucena Pozo, Carlos Agustí-Navarro, Ramón M. Marrades, Alfons Navarro Ponz	**PA2941**
Bronchoalveolar lavage microbiota signatures and stage-shaping mechanisms in early and advanced stage of non-small cell lung cancer Yajing Li (Tianjin, China), Qin Chen, Bin Xing, Song Xu, Hui Ma	**PA2942**
Breath-based liquid biopsy for cfDNA analysis in early-stage lung cancer Sile Toland (Dublin, Ireland), Daniel Ryan, Ross Morgan, Sinead Toomey, Bryan Hennessy	**PA2943**
Association between ATS 2025-defined interstitial lung abnormalities and immune checkpoint inhibitor pneumonitis in lung cancer: a retrospective cohort study Yoshihiro Funaki (Kamogawa, Japan), Hiroki Matsui, Yuki Sato, Nami Kuji, Jun Hayashi, Shigenori Yamamoto, Norihiko Kubota, Tatsuya Nagai, Ayumu Otsuki, Hiroyuki Ito, Akira Yamasaki, Kei Nakashima	**PA2944**
High miR-10 defines an extracellular matrix–driven progenitor niche state associated with poor outcome in lung adenocarcinoma Leizhi Shi (Borstel, Germany), Daniel Meißner, Qiaoyan Tan, Thomas Roeder, Susanne Krauss-Etschmann	**PA2945**
Assessment of ECM-Associated Proteins in Bronchoalveolar Lavage Fluid of Lung Cancer Patients: COL11A1, WISP1, and Tenascin-C Alperen Aksakal (Erzurum, Türkiye), Burcu Nur Gülbahar, Buğra Kerget, Nurinnisa Öztürk, Dursun Erol Afşin, Kamber Kasali	**PA2946**
Baseline peripheral blood eosinophil count as a predictive biomarker for immunotherapy outcomes in lung cancer: a muticenter retrospective cohort study Wu Jiaxuan (Chengdu, China), Li Weimin	**PA2947**
Tumor extracellular matrix profiling identifies predictive biomarkers and novel therapeutic targets to overcome immune exclusion in lung carcinoma Atsushi Mitsuhashi (Tokushima, Japan), Kazuya Koyama, Aito Yoshida, Yuki Tsukazaki, Hiroshi Kawano, Hirokazu Ogino, Yasuhiko Nishioka	**PA2948**
BACH1 expression associates with chemotherapy response and disease-free survival in non–small cell lung cancer patients Sabina Janciauskiene Wallmark (Hannover, Germany), Jing Liu, Marc A. Schneider, Julia Held, Sabine Wenger, Wenzhang Si, Michael Allgaeuer, Florian Eichhorn, Sabina Janciauskiene	**PA2949**
Synergistic antitumor effects and molecular mechanisms of pirfenidone combined with osimertinib/afatinib in non-small cell lung cancer Yuyuan Xiong (Chengdu, China), Chen Huang, Yan Huang	**PA2950**
Clinical and Genomic Profile of EGFR-mutated NSCLC: Impact of Co-Mutations Mariana Gonzalez Ribeiro (Porto, Portugal), Adriana Magalhães, Claúdia Freitas, Catarina Sousa, Cátia Pimentel, David Araújo, Hélder Novais e Bastos, Luís Cirnes, Maria Gabriela Fernandes	**PA2951**
Anti-CD39 modulates macrophages and T cells in the patient-derived ex vivo tumor lung Tonia Bargmann (Hannover, Germany), Lena Stowasser, Maximilian Schinke, Nico Lachmann, Sebastian Konzok, Louisa Jürgen, Christopher Werlein, Patrick Zardo, Lavinia Neubert, Danny Jonigk, Hans-Gerd Fieguth, Katherina Sewald, Susann Dehmel, Armin Braun	**PA2952**
The impact of intratumoral microbiota on lung adenocarcinoma progression Yi Liu (Chengdu, China), Jiarui Zhang, Dan Liu	**PA2953**
Metabolic reprogramming in EGFR-mutant non-small cell lung cancer and its clinical implications Haoda Yu (Wuxi, China), Min Tao, Chu Qin	**PA2954**
At the edge of malignancy: BALF metabolomic and microbiome clues in the progression from COPD to lung cancer Sushmita Roy Chowdhury (Kolkata (West Bengal), India), Priyanka Choudhury, Palash Paul, Pragya Dey, Sivaresmi Unnithan, Subhajit Sen, Koel Chaudhury	**PA2955**

Feasibility and safety of non-intubated thoracoscopic lung resection in stage I non-small cell lung cancer with interstitial lung disease: a pilot study. **PA2956**
Riccardo Messina (Palermo (PA), Italy), Giada Maria Capizzi, Rosangela Di Liberti, Roberto Marchese, Emanuele Grassedonio, Nicola Scichilone

Predicting Therapeutic Response in Small Cell Lung Cancer: The Key Role of Performance Status Evolution. **PA2957**
Bochra Karaborni (Tunis, Tunisia), Ghada Berkaoui, Hadhemi Rejeb, Mayssa Chariag, Hanene Smadhi, Dorra Greb, Ines Akrout, Hajer Abdelghaffar, Hela Hassene, Hela Kamoun, Leila Fekih

PS-32 Session 244 08:00 - 09:30

Poster session: Extending diagnostic and treatment options in lung cancer care

Disease(s) : Thoracic oncology

Method(s) : Surgery Endoscopy and interventional pulmonology Imaging Epidemiology General respiratory patient care Cell and molecular biology Public health

Tag(s) : Clinical

Chairs : Hind Janah (Casablanca, Morocco), Ioannis Karampinis (Athens, Greece), Kalliopi Athanassiadi (Athens, Greece)

Late Breaking Abstract - Local transbronchial injection of a low-dose immune checkpoint inhibitor followed by surgical lung tumor resection in stage I-IIA lung cancer: a randomized controlled trial **PA2958**
Saskia van Heumen (Amsterdam, Netherlands), Ilias Houda, Teodora Radonic, Chris Dickhoff, Martijn van Dorp, Jacobus Winkelman, Jerry Braun, David Heineman, Peter Bonta, Idris Bahce, Johannes Daniels, Marjolein Heuvelmans, Marieke Fransen, Jouke Annema

From surveillance to intervention: shifting the paradigm in small nodule management **PA2959**
Ashish Karir (London, United Kingdom), Harris Trainer, Anand Tana, Ley Chan, Jon Panaguiton, Ola Volhina, James Tonkin, Justin L Garner, Christopher M Orton, Pallav L Shah

Late Breaking Abstract - The value of circulating tumour DNA in secondary care thoracic oncology: search and rescue **PA2960**
Oliver Mann (Lancaster, United Kingdom), Karan Jethwa, Joe Edwards, Tayyib Fazal, Urmi Gupta

Evaluation of sonographic findings in differentiating benign and malignant hilar and mediastinal lymph nodes in patients undergoing endobronchial ultrasound (EBUS) **PA2961**
Merve Tatlilioglu (ankara, Türkiye), Nilgün Yılmaz Demirci, Ahmet Selim Yurdakul

Respiratory fungi are associated with adverse clinical outcomes in lung cancer patients **PA2962**
Dan Padawer (Jerusalem, Israel), Nuha Alsharif, Fares Darawshy, Neville Berkman

Prognostic relevance of micropapillary components detected by preoperative cryobiopsy in stage IA lung adenocarcinoma **PA2963**
Mari Ohkuma (Tokyo, Japan), Yuji Matsumoto, Satsuki Kishikawa, Hideaki Furuse, Takaaki Tsuchida, Shun-ichi Watanabe, Yasushi Yatabe

Utility of a new slim RT EBUS scope for perihilar lung cancer tumors - a pilot study **PA2964**
Artur Szlubowski (Kraków, Poland), Piotr Gniady, Maciej Gnass, Anna Soczek, Martyna Ciesielska, Tomasz Werner, Emilia Bogacz, Damian Czyżewski

The Impact of Lobectomy and Sublobar Resection on Survival in Patients Diagnosed with Non-Small Cell Lung Cancer **PA2965**
Fatih Uzer (Antalya, Türkiye), Şahan Erdoğan, Hakan KEskin

Cone-beam CT-guided navigation bronchoscopy for microwave ablation of inoperable lung tumors: results from a Belgian tertiary center **PA2966**
Benjamin Bondue (Bruxelles, Belgium), Ferdinando Cozzolino, Olivier Taton, Pascale Bohy, Dimitri Leduc

Comparative effectiveness of stereotactic body radiation therapy vs. wedge resection for stage I-IIA lung cancer in older adults: an instrumental variable analysis **PA2967**
Juan Wisnivesky (Scardale, United States), Catherine Rachel, Pranav Gwalani

Evaluation of ultrasound-guided neck lymph node core biopsies within lung cancer diagnostic pathways **PA2968**
Anna Scott (Redditch, United Kingdom), Mark Maddock, Abhimanyu Lal

EGFR Mutation Detection Rates via Bronchoscopic Cryobiopsy in Peripheral Lung Adenocarcinoma **PA2969**
Sze Shyang Kho (Kuching (Sarawak), Malaysia), Shirin Hui Tan, Chan Sin Chai, Seng Wee Cheo, Adam Malik Ismail, Siew Teck Tie, Pei Jye Voon

Access to radical treatment: Evaluation of Lung MDT referrals in non-small cell lung cancer PA2970
Sanad Elrishe (Blackburn, United Kingdom), Devina Siaw Hui Min, Fawad Zaman

Perceived shared decision-making and patient involvement in lung cancer care in Georgia PA2971
Mariami Shvelidze (Kutaisi, Georgia), Mariam Metskhovrishvili

Rapid tissue diagnosis in lung cancer pathway using ultrasound-guided biopsies by respiratory physicians PA2972
Hafiz Gulzeb Kamil (Coventry, United Kingdom), Emad Abugassa, Tayyab Waseem, Mohammed Haris

Comparative prognostic value of TNM 8, TNM 9 and the VALSG staging system in small cell lung cancer PA2973
Nurhan Köksal (Samsun, Türkiye), Nisa Uzun Demirkaya, İlker Demirkaya

Patient characteristics and procedural factors that predispose to poor tolerance of EBUS in metastatic cancer patients and that should steer the operator toward performing EUS-B. PA2974
Giulio Trono (Foggia, Italy), Andi Sukthi, Cristiano Carbonelli

Association between diagnostic biopsy method and histological subtype distribution in non-small cell lung cancer PA2975
Haisham Elahi (Sofia, Bulgaria), Ayyan Elahi, Teodora Mihalova, Evgeni Mekov, Rosen Petkov, Silvia Ivanova, Samuil Parvanov

Gut microbiota and SCFAs improve the treatment efficacy of chemotherapy and immunotherapy in NSCLC PA2976
Yanping Yang (Shanghai, China), Nuo Xu, Yuanlin Song

Enhancing Molecular Profiling in NSCLC: The Added Value of Flexible Bronchoscopy During EBUS-TBNA PA2977
Eimear Foley (Galway, Ireland), Lorraine Thong, David Breen

PS-33 Session 245 08:00 - 09:30

Poster session: Translational science and real-life experience in pleural diseases

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology General respiratory patient care Epidemiology Endoscopy and interventional pulmonology Imaging Surgery Physiology

Tag(s) : Clinical, Translational

Chairs : Sotirios Zarogiannis (Larisa, Greece), Nikolaos I. Kanellakis (Oxford, United Kingdom), Chair to be confirmed

Spatial transcriptomics of checkpoint inhibitor-associated tuberculous pleuritis shows endothelial gating and Th1 reprogramming PA2978
Toyoshi Yanagihara (Fukuoka, Japan), Noriyuki Ebi, Naoki Hamada, Hiroyuki Inoue, Masaki Fujita

Germline mutational burden in pleural mesothelioma: results from the MAGNETS study PA2979
Giulia Maria Stella (Pavia (PV), Italy), Ilaria Campo, Vincenzo Marando, Enrico Oddone, Francesco Agustoni, Federica Rezza, Alessia Marini, Carolina Mensi, Laura Saracino, Stefano Tomaselli, Francesco Bertuccio, Giacomo Bonizzoni, Angelo Corsico

Predictors of Talc Pleurodesis Success in Patients with Malignant Pleural Effusion, A Retrospective Cohort Study PA2980
Vorawut Thanthitaweewat (Bangkok, Thailand), Chayaporn Suayluk

Investigation of Slit2–Robo4 pathway involvement in malignant and parapneumonic pleural effusions PA2981
Sotirios Zarogiannis (Larisa, Greece), Efrosyni Gerovasileiou, Ioannis Sarrigeorgiou, Peggy Lymberi, Chrissi Hatzoglou, Konstantinos Gourgoulianis

Prognostic Impact of Mutation Status and Clinical Characteristics in Lung Cancer-Associated Malignant Pleural Effusion: A Retrospective Study PA2982
Glenn Yong (Singapore, Singapore), Jing Wei Lee, Wai Yinn Liew, Rachel Aik Tiam Quek, Glenn Khai Wern Yong, Xiao Na Wang, Aaron Tay How Tan

Cell-free DNA in suspected malignant pleural effusion: diagnostic and molecular applications PA2983
Dahlia Abdul-Rahman (Oxford, United Kingdom), Lauren Watts, Nikolaos Kanellakis, Olivia Walsh, Malvika Bhatnagar, Alguili Elsheikh, Rob Hallifax, Eihab Bedawi, Najib Rahman

Characterization of the microbiome in malignant and para-malignant pleural effusions - A pilot study PA2984
Sami Mhamed Bennji (Muscat, Oman), Shoaib AL-Zadjali, B Jayakrishnan, Aaisha Al Balushi, Anoopa Pullanhi, Hamida Al Barwani, Hasan Al Sayagh, Zamzam Al-Hashami, Rashid Al Sukaiti, Raza Sayani, Tinaye L Chiyaka, Jane A Shaw

How reassuring is a non-malignant medical thoracoscopy biopsy? A retrospective analysis of patients from Aneurin Bevan University Health Board. PA2985
Alina Ionescu (, United Kingdom), Elizabeth Green, Gokul Muthuraluraj, Alina Ionescu, Chris Edwards

Prognostic Impact of Concordant and Discordant Exudative Profiles in Malignant Pleural Effusion PA2986
Celal Satici (Istanbul, Türkiye), Furkan Atasever, Guliz Kizir, Banu Kahriman, Hüseyin Yunus Dogan, Sinem Nedime Sokucu

Evaluating Diagnostic Performance and Pathway Efficiency of Pleural Procedures in Suspected Malignant Pleural Effusion PA2987
Dahlia Abdul-Rahman (Oxford, United Kingdom), James Everson, Lauren Tarrant, Parmjeet Panesar, Olivia Walsh, Malvika Bhatnagar, Alguili Elsheikh, Rob Hallifax, Eihab Bedawi, Najib Rahman

Early Medical Thoracoscopy in Neoplastic Patients: Impact on the Clinical Course of Pleural Disease PA2988
Matteo Daverio (Padova, Italy), Francesca Boscaro, Gianmario Sanna, Mariaenrica Tinè, Marco Damin, Davide Biondini, Paolo Spagnolo

Assessment of Pleural Effusions in Breast Cancer: Clinical, Etiological, and Management Perspectives PA2989
Hichem Madi (Blida, Algeria), Meriem Oulad kouider, Kheira Bouchebouch, Mohamed smail Aissani, Nadhir Bendouadd, Amel Rendja, Sofiane Ali halassa

Utility of flexible bronchoscope for thoracoscopy in a resource-limited setting: Technique and outcomes PA2990
John Muchahary (Panaji, India), Ashwini Collaco, Brizellda Rose Dcunha, Pradnya Neelakanta Reddy, Gargi Kadkade, Rylind Periera, Jacob George, Shekhar Salkar, Mugdha Kamat Timble, Pravin Bhat, Akashdeep Arora, Yogesh Gaude

Predictors of mesothelioma as a cause of malignant pleural effusion. PA2991
Ali Abdelaziz (Minia, Egypt), Rasha Abdelfattah, Rofida Hassan, Nada Abdelaziz, Fatma Mohamed

Artificial intelligence in CT imaging for lung nodule characterization: a systematic review PA2992
Delia De Francisci (catania, Italy), Marco carmelo Guarnera, Serena pia Grasso, Antonio Basile, Marcello Migliore

Clinical Spectrum and Diagnostic Differentiation of Chylothorax and Pseudochylothorax: A Case Series PA2993
Neha Jain (NAGPUR, India), Gyanshankar Praphullakumar Mishra, Radha Munje, Vaibhav Manapure

Indwelling pleural catheters for malignant pleural effusions: UK-based single-centre experience over 3 year PA2994
Mengfei Lu (Hertfordshire, United Kingdom), Sithu Bala, Ashnish Sinha, Yadee Myint, Mayurun Selvan, Alison McMillan, She Lok, Thida Win

Cephalic vein cut-down for totally implantable venous access ports in oncology: procedural performance and predictors of failure. PA2995
Chirine Moussa (Tunis, Tunisia), Habib Bessrour, Houssem Messaoudi, Siwar Hamdi, Majd Saoudi, Mokles Lajmi, Imen Ben Ismail, Saber Hachicha

PS-34 Session 246 08:00 - 09:30

Poster session: Real-world studies: acute exacerbations and pulmonary fibrosis treatment

Disease(s) : Interstitial lung diseases Thoracic oncology Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Imaging Respiratory intensive care

Tag(s) : Clinical

Chairs : Iftikhar Nadeem (Lode, Cambridge, United Kingdom), Claudia Ravaglia (Forlì, Italy), Sujay Halkur Shankar (Bengaluru, India)

Late Breaking Abstract - Effect of nerandomilast on mortality in patients with idiopathic pulmonary fibrosis (IPF) and progressive pulmonary fibrosis (PPF) with preserved lung function PA2996
Vincent Cottin (Lyon, France), Elizabeth Belloli, Kevin K Brown, Tomoyuki Fujisawa, Yasuhiro Kondoh, Fengming Luo, Ine Jørgensen, Madhu Kanakapura, Daniel Wachtlin, Fernando J Martinez

Diagnosis, Management and Prognosis of Acute Exacerbations of Fibrosing Interstitial Lung Disease PA2997
Julia Wälscher (Essen, Germany), Fabian Kock, Niels Schröder, Johannes Kroenig, Markus Polke, Katharina Buschulte, Arturo Olivares Rivera, Michael Kreuter

Anti-fibrotic Therapy in Patients with Acute Exacerbation of Idiopathic Pulmonary Fibrosis: A Propensity Score Matched Real-World Study Mengshu Cao (Nanjing, China), Min Chen, Hui Huang	**PA2998**
Comparative Efficacy of Treatments for Acute Exacerbation of Idiopathic Pulmonary Fibrosis: A Bayesian Network Meta-Analysis Shankar Biswas (Ivano-Frankivsk, Ukraine), Yashasvi Srivastava, Rahul Falodia, Ayman Hamadttu, Niharika Mally, Lester Thomas D Costa	**PA2999**
Clinical Significance of the Prognostic Nutritional Index in Predicting Short-Term Mortality During Acute Exacerbation of Idiopathic Pulmonary Fibrosis Necmiye Funda Coşkun (Bursa, Türkiye), Ozge Aydin Guclu, Nilüfer Aylin Acet Öztürk, Arzu Özpehlivan Şen, Anıl Özgür, Aslı Görek Dilektaşlı, Ezgi Demirdöğen, Funda Coşkun, Ahmet Ursavaş	**PA3000**
To Treat or Not to Treat: Real-World Outcomes of Antifibrotic Therapy in Very Elderly Patients with Idiopathic Pulmonary Fibrosis HYOJAE KANG (SEOUL, Republic of Korea)	**PA3001**
Therapeutic landscape of idiopathic pulmonary fibrosis (2016–2025): Insights from contemporary clinical trials Sihan Kang (Shenyang, China), Wei Wang	**PA3002**
The Long Lasting Effect of Anti Fibrotic Treatment Johad Khoury (Haifa, Israel), Sonia Schneer, Yochai Adir	**PA3003**
Functional decline in fibrosing interstitial lung disease despite antifibrotic therapy: real-world evidence from the INSIGHTS-ILD registry Michael Kreuter (Mainz, Germany), David Pittrow, Christine Pausch, Andreas Günther, Ekaterina Krauss, Dirk Skowasch, Tim Oqueka, Dirk Koschel, Markus Polke, Achim Grünewaldt, Heike Biller, Sven Glaeser, Ralf Ewert, Francesco Bonella, Inona Andreica, Maximilian Malfertheiner, Daniel Grund, Matthias Held, Stephan Eisenmann, Heinrike Wilkens, Benjamin Seeliger, Michael Weber, Claus-Peter Kreutz, Michael Dreher, Martin Schwaiblmeir, Sabine Haberl, Marlene Hechtner, Jürgen Behr	**PA3004**
Predictors of response to Nintedanib in Idiopatic and Progressive Pulmonary Fibrosis Francesco Varone (Roma, Italy), Mario Di Stasio, Michele Mondoni, Fabrizio Luppi	**PA3005**
Factors associated with disease progression in ILD patients treated with nintedanib Yuta Nishina (Seto, Aichi, Japan), Kensuke Kataoka, Kengo Minoura, Tadayoshi Hirano, Norihiko Nagae, Satoshi Hagimoto, Ryo Teramachi, Jun Fukihara, Hajime Sasano, Toshiki Yokoyama, Reoto Takei, Yasuhiko Yamano, Yasuhiro Kondoh, Tomoki Kimura	**PA3006**
Timing of adverse events during antifibrotic therapy: a real-world cohort study Matteo Della Zoppa (Milano, Italy), Emanuela De Stefano, Cristina Novy, Andrea Pajoro, Amelia Grosso, Sara Lettieri, Francesca Mariani, Angelo Guido Corsico, Giulia Maria Stella, Piloni Davide	**PA3007**
Safety of pharmacological treatments for idiopathic pulmonary fibrosis: a systematic literature review Aaron Carabajal-Johnson (Lawrence Township, United States), Mandeep Kaur Bhatia, Thomas-Andrew Sully Guerrier, Tyler Malloch, Liga Bennetts, Yue Zhong, Aditi Desai, Clement Acheampong	**PA3008**
Tolerability and treatment response to antifibrotic agents in IPF patients with or without lung cancer DAVIDE CHIMERA (Pisa, Italy), Federico Cucchiara, Sara Baglini, Laura Tavanti, Laura Carrozzi, Iacopo Petrini, Francesco Pistelli	**PA3009**
Exploring the effectiveness and Safety of a reduCed dosage of nintedAnib in IPF and PPF: a real-world multicenter retrosPEctive observational study (ESCAPE) Paolo Cameli (Siena (SI), Italy), Elisabetta Cocconcelli, Giovanni Franco, Umberto Zanini, Laura Bergantini, Tommaso Pianigiani, Elisabetta Balestro, Fabrizio Luppi, Paolo Spagnolo, Elena Bargagli	**PA3010**
Efficacy and Tolerability of Reduced-Dose Nintedanib in Progressive Fibrosing Interstitial Lung Disease Maria Belen Noboa Sevilla (Quito, Ecuador), Fernanda Hernandez-Gonzalez, Pau Belver, Rodrigo Torres-Castro, Lurdes Planas, Alejandro Frino-Garcia, Xavier Alsina-Restoy, Nancy Perez-Rodas, Juan Jose Zapata-Huizi, Jacobo Sellares-Torres	**PA3011**
Rare pirfenidone-associated dermatological adverse effects in idiopathic pulmonary fibrosis: pityriasis lichenoides chronica and venous lake Serap Argun Baris (Kocaeli, Türkiye), Esra Betul Kartal, Tugba Onyilmaz, Aysun Sikar Akturk	**PA3012**

Early Real-World Use of Nerandomilast in IPF and Progressive Pulmonary Fibrosis: Baseline Characteristics and Prescribing Patterns at a Tertiary ILD Centre — **PA3013**
Maria Sanzharovskaya (Wien, Austria), Maximilian Gysan, Silvia Lee, Christian Lang, Yasmin Elias, Carmen Thomas, Hans Kiener, Daniela Gompelmann, Helmut Prosch, Marco Idzko, Andreas Renner

Understanding patient perspectives on IPF clinical trial participation: Preferences, motivations, and comfort with study design — **PA3014**
Brittany Davis (Boston, United States), Teresa Barnes, Jennifer Wescoe, Dolly Kervitsky, Sharon Lee, Glen Boutilier, Murray Walz, Dennis Simecek, Allison Trucillo, Meredith Hart, Joyce Lee

Relationship between plethysmographic parameters and 6-MWT with prognosis and HRCT of patients with IPF and CTD-ILD — **PA3015**
Fidan Layijova (Ankara, Türkiye), Dorina Esendagli, Gaye Ulubay

PS-35 Session 247 08:00 - 09:30

Poster session: Comorbidities and pulmonary fibrosis

Disease(s) : Interstitial lung diseases | Thoracic oncology | Airway diseases

Method(s) : Epidemiology | Imaging | Pulmonary function testing | Cell and molecular biology | General respiratory patient care | Endoscopy and interventional pulmonology | Surgery | Physiology | Public health | Palliative care | Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Thomas Koudstaal (Rotterdam, Netherlands), Juan Ignacio Enghelmayer (Ciudad Autónoma Buenos Aires, Argentina), Punchalee Kaenmuang (Songkhla, Thailand)

Late Breaking Abstract - Sex differences in 1-year mortality, acute respiratory failure and lung cancer in idiopathic pulmonary fibrosis: a propensity-matched analysis of 33,754 US patients — **PA3016**
Athena Gogali (Ioannina, Greece), Kuang-Ming Liao, Sheng-Chi Huang, Konstantinos Kostikas, Chih-Cheng Lai

Clusters of comorbidities based on register data in patients with idiopathic pulmonary fibrosis — **PA3017**
Thomas Prior (Aarhus, Denmark), Sissel Kronborg-White, Christian Torp-Pedersen, Kristian Kragholm, Janne Møller, Ulla Møller Weinreich, Elisabeth Bendstrup, Peter Ascanius Jacobsen

Type 2 diabetes mellitus and prognosis in idiopathic pulmonary fibrosis: real-world evidence from a US multicenter cohort — **PA3018**
Engin L (Mölndal, Sweden), Bernadette Gochuico, Caroline Owen

Effect of Pulmonary Hypertension on Exercise Capacity in Patients with Interstitial Lung Disease: A systematic review and meta-analysis — **PA3019**
Rodrigo Torres Castro (Santiago, Chile), Natalia Lopes Cardoso, Xavier Alsina-Restoy, Raquel Pérez Rojo, Andrés Tenes, Alberto García-Ortega, Gregorio Pérez Peñate, Diana Badenes-Bonet, David Rodríguez-Plaza, María Molina-Molina, Isabel Blanco, Vanessa Resqueti, Diego Rodríguez-Charadía

Patterns in interstitial lung disease: A snapshot of the baseline lung morphology in ILD-PH in the ASCENT study [NCT06129240] — **PA3020**
Nicholas Kolaitis (San Rafael, United States), Rajan Sagar, Fereidoun Abtin, Richard Channick, Savan Patel, Ashley Galloway, Rajeev Saggar

Autoimmune conditions and their role in the health outcomes of patients with acute interstitial pneumonia (AIP) — **PA3021**
Melica Nikahd (Columbus, United States), Bronwyn Small, Brittany Hand

Longitudinal changes in anxiety in patients with interstitial lung disease (ILD) — **PA3022**
Fernando Casarin López (Mexico City, Mexico), Arlen Daniela Pérez García, Viridiana Peláez Harnández, Sofia De la Teja Acosta, Joana Tenneth Mancilla Sandoval, Osmany Ernesto Juárez Fuentes, Astrid Ramírez, Juan Ramírez, Fatima Michelle Villa

Sleep Disturbances and Anxiety: A Double Burden on Quality of Life in Patients with Interstitial Lung Diseases (Pilot Study) — **PA3023**
Rim Kammoun (Sfax, Tunisia), Yasmine Abid, Asma Haddar, Walid Feki, Kaouthar Masmoudi

Correlation among Anxiety-Depression Status, Pulmonary Function, and Serum/Tissue S100A12 Levels in Patients with Idiopathic Pulmonary Fibrosis — **PA3024**
Yan Sun (Xi'an, China), Meng Li, Hui Ren, Mingwei Chen

Anxiety, somatic symptom burden, and palliative care need in patients with idiopathic or progressive pulmonary fibrosis — **PA3025**
Ekrem Temizel (St Gallen, Switzerland), Sandra Eckstein, Rainer Schaefert, Gunther Meinlschmidt, Katrin Esther Hostettler

Hypertension in Idiopathic Pulmonary Fibrosis: Evidence of Immune and Genetic Links from Clinical and Genomic Analyses **PA3026**
YANRUI HE (Beijing, China), Chengsheng Yin, Wei Sun, Ping Wang, Zuojun Xu

Prognostic value of body mass index and serum albumin in idiopathic pulmonary fibrosis patients receiving antifibrotic therapy **PA3027**
Gülru Erbay Polat (Izmir, Türkiye), Ozer Ozdemir, Melike Gokbel

LUNG CANCER IN PATIENTS WITH ILD: CLINICAL CHARACTERISTICS AND PROGNOSIS IN A MULTICENTER COHORT **PA3028**
Julia Dorta Díez de la Lastra (Madrid, Spain), Mateo Hevia Menéndez, Claudia Valenzuela, Belén López-Muñiz Ballesteros, Juan Rigual Bobillo, Maite Río Ramírez, Raúl Castañeda Vozmediano, Álvaro Casanova Espinosa

Integrated management of patients with ILD and cancer: the experience of an Italian center **PA3029**
Arianna Belli (Florence, Italy), Elisabetta Rosi, Leonardo Gori, Marina Amendola, Sara Pasquini, Barbara Fricelli, Mariangela Pecorelli, Alessandra Bindi, Edoardo Cavigli, Diletta Cozzi, Chiara Moroni, Katia Ferrari, Viola Bonti, Mario Toppi, Francesca Mazzoni, Vieri Scotti, Luca Voltolini, Federico Lavorini

Interstitial lung abnormalities in lung cancer screening. Experience from the Czech national pilot programme. **PA3030**
Martina Koziar Vasakova (Praha, Czech Republic), Karel Hejduk, Ivana Cierna-Peterova, Hynek Mirka, Vladimir Koblizek, Petr Dvorak, Jana Panicova, Renata Chloupkova, Ondrej Ngo, Nikola Stourac, Tereza Peterkova, Ludek Stehlik, Ondrej Majek

COPD as co-morbidity in patients with IPF **PA3031**
Tyulin Riza (Pleven, Bulgaria), Zlatina Ivanova, Nikolay Kyuchukov, Tulin Riza, Katerina Blagoeva, Ralitsa Sotirova, Borislava Zhelezarova, Ralitsa Pencheva, Nela Tsetsova, Yavor Ivanov

Diagnostic trajectories and long-term follow-up in patients with ILD after COVID-19: observations from a prospective study **PA3032**
Anna Lindahl (Helsinki, Finland), Leonardo Gori, Diletta Cozzi, Camilla Eva Comin, Edoardo Cavigli, Valentina Luzzi, Valeria Pasini, Sara Piciucchi, Alessandra Dubini, Alberto Cavazza, Claudia Ravaglia, Venerino Poletti, Sara Tomassetti

Impaired quality of life and burden among caregivers of patients with idiopathic pulmonary fibrosis: the prospective multicenter HELP-IPF study **PA3033**
Guillaume Beltramo (Dijon, France), Hervé Devilliers, Stéphane Jouneau, Hilario Nunes, Dominique Israel-Biet, Sylvain Marchand-Adam, Julie Traclet, Emmanuel Bergot, Tiphaine Guy, Raphael Borie, Lidwine Wemeau, Sandra Dury, Grégoire Prévôt, Martine Reynaud-Gaubert, Mathieu Salaün, Yurdagul Uzunhan, Mallorie Kerjouan, Jean Pastré, Julie Mankikian, Aurélien Justet, Stéphanie Vanwalleghem, Vincent Cottin, Philippe Bonniaud

Identification of a cut-off value to identify sarcopenia through pectoralis muscle area in fibrotic ILDs: an international study. **PA3034**
Isabella Galbardi (Monza, Italy), Paola Faverio, Davide Gandola, Marco Mura, Sara Conti, Umberto Zanini, Antonella Caminati, Francesco Bini, Chiara Papetti, Michele Mondoni, Giovanni Franco, Alessia Fumagalli, Jacopo Cefalo, Lorenzo Giovanni Mantovani, Cesare Maino, Sergio Harari, Davide Ippolito, Fabrizio Luppi

Prevalence and Prognostic Implications of Hiatal Hernia in Patients with Idiopathic Pulmonary Fibrosis and Fibrotic Hypersensitivity Pneumonitis **PA3035**
Baris Demirkol (Istanbul, Türkiye), Ramazan Eren, Elif Yelda Ozgun Niksarlioglu, Mehmet Atilla Uysal, Aytul Hande Yardimci, Ömer Alperen Askaroglu, Erdogan Cetinkaya

PS-36 Session 248 08:00 - 09:30

Poster session: Clinical course of pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Physiology Public health Pulmonary function testing Palliative care Pulmonary rehabilitation Cell and molecular biology

Tag(s) : Clinical

Chairs : Thomas Prior (Aarhus, Denmark), Ayodeji Adegunsoye (Chicago, United States), Gulfem Erdoğdu (BAHÇELİEVLER, Türkiye)

Late Breaking Abstract - Diagnostic and Screening Patterns in Progressive Fibrosing ILD: Insights from the INCHANGE Real World Study of Nintedanib **PA3036**
Maria Sanzharovskaya (Wien, Austria), Katarzyna Górska, Lyubima Kyoseva, Martina Sterclova, Claudia Lucia Toma, Vivien-Charlott Stadler, Madina Bogazova, Katrin Esther Hostettler

Clinical, metabolic and molecular features associated with pulmonary involvement in Rheumatoid Arthritis: A long-term cohort study. Cristina Lopez Delgado (Reus, Spain), Silvia Paredes, Anna Pàmies, Daiana Ibarretxe, Roser Rosales, Dídac Llop, Joan Carles Vallvé	**PA3037**
Validation of online visual analogue scales in pulmonary fibrosis Delian Elizabeth Hofman (Rotterdam, Netherlands), Catharina C. Moor, Ilayda Aydemir, Gizal Nakshbandi, Rémy L.M. Mostard, Wim Wuyts, Vincent Cottin, Michael Kreuter, Markus Polke, Katharina Buschulte, Peter Saunders, Katerina Antoniou, Antoine Froidure, Hans Slabbynck, Anna M. Hoffmann-Vold, Michael T. Durheim, Anneke van Veen, Hilde J. Bjørkekjær, Madelon C. Vonk, Zoe D. Daniil, Lisa G. Spencer, Philippe Bonniaud, Grégoire Prévot, Philip L. Molyneaux, Martijn Oude Voshaar, Marlies S. Wijsenbeek	**PA3038**
DLCO refines risk within 5–10% FVC decline in Fibrotic Hypersensitivty Pneumonitis: support for integrated physiological criteria in Progressive Pulmonary Fibrosis Evelyn Lynn (London, United Kingdom), James Tadjkarimi, Punchalee Kaenmuang, Vasilis Kouranos, Athina Trachalaki, Felix Chua, Simon Bax, Peter George, Gisli Jenkins, Carmel Stock, Richard Hewitt, Maria Kokosi, Elisabetta Renzoni, Athol Wells	**PA3039**
Longitudinal change of idiopathic inflammatory myopathy-associated interstitial lung disease on high-resolution computed tomography, a prospective cohort study Yuhui Qiang (Beijing, China), Min Liu, Huaping Dai	**PA3040**
Disease progression in patients with different types of progressive fibrosing interstitial lung disease: data from the IPF-PRO/ILD-PRO Registry Aparna Swaminathan (Durham, United States), Jeremy M Weber, Megan L Neely, Sonali J Bracken, John A Belperio, Ann D Chauffe, Vinicius C Antao, Scott M Palmer	**PA3041**
Clinical phenotypes of fibrotic interstitial lung disease identified by cluster analysis and their association with GAP score in an exploratory real-world cohort Cioanca Dorotea Carmen (Timisoara, Romania), Flavia-Gabriela Martis, Daniel Traila, Luiza-Cristina Vioreanu, Ovidiu Fira-Mladinescu	**PA3042**
Weight loss in interstitial lung disease: associations with diagnosis and radiological phenotype Nimrah Mirza (Hackney, United Kingdom), Emma Johnson, Joanna Li, Jack Callum	**PA3043**
Patient-Reported Outcomes in Interstitial Lung Disease: Assessing the Impact of Anti-fibrotic Therapy on Quality of Life and Symptom Burden Ajoy Kumar Behera (Raipur (Chhattisgarh), India), Rahul Kumar Rohit, Aditi Maheshwari, Ranganath T Ganga, Praveen Kumar Dubey, Dibakar Sahu, Saurabh Mishra, Rahul Chakraborty	**PA3044**
Real-world survival and prognostic factors in progressive pulmonary fibrosis Nanna Makholm Østergård (Aarhus, Denmark), Thomas Skovhus, Jesper Rømhild Davidsen, Saher Burhan Shaker, Thomas Kromann Lund, Wim Wuyts, Elisabeth Bendstrup	**PA3045**
Benefits of a rapid diagnostic circuit for Interstitial Lung Disease Guadalupe Bermudo Peloche (Barcelona, Spain), Pilar Rivera Ortega, Vanesa Vicens Zygmunt, Belen Del Rio, Santiago Bolivar, Elisabat Serra, Ferran Ferrer, Roger Llatjós, Francisco Rivas, Rosa Lopez Lisbona, Leonor Garcia, Salud Santos, Maria Molina Molina	**PA3046**
Late Breaking Abstract - Epithelial FIH regulates alveolar epithelial plasticity and paracrine fibroblast activation. Yomna Moqidem (Southampton, United Kingdom), Xi Li, Siyuan Wang, Kun Zheng, Chen Yin, Nullin Divecha, Donna Davies, Mark Jones, Yihua Wang	**PA3047**
Clinical features and health-related quality of life in fibrotic interstitial lung disease in Spain: interim results from the RECOFIB study Maria Molina Molina (Barcelona, Spain), Amanda López-Picado, Cristina Moro, Marina Tort, Esteban Cano	**PA3048**
Nintedanib in Progressive Fibrosing Hypersensitivity Pneumonitis: Real-World Effects on Lung Function and Survival Mariana Gonzalez Ribeiro (Porto, Portugal), Inês Carvalho, Pedro Sá, André Carvalho, Claúdia Camila Dias, David Coelho, André Terras Alexandre, Hélder Novais e Bastos, António Morais, Natália Melo, Patrícia Caetano Mota	**PA3049**
Consistent and systematic dyspnea assessment and management in interstial lung disease: experiences and perceptions of patients, caregivers and clinicians Charlotte Pooler (Edmonton (AB), Canada), Meena Kalluri, Meena Kalluri	**PA3050**

Validation of pre-flight algorithms in predicting Hypoxic Challenge Testing (HCT) outcomes in Interstitial Lung Disease (ILD) **PA3051**
Cameron Bonthrone (Bristol, United Kingdom), Beyazit Durduu, Sarah Mulholland, Naomi Rippon, Louis Luckwell, Michelle Westlake, Giles Dixon, Matthew Wells, Huzaifa Adamali, Shaney Barratt

Pulmonary rehabilitation outcomes in fibrotic interstitial lung disease: in-person versus virtual delivery **PA3052**
David Kelly (Dublin, Ireland), Grainne Murphy, Meghan Daly, Cara Roche, Ciara McCormack, Orlagh O'Shea, Katherine O'Reilly

Clinical and discharge outcomes of interstitial lung disease hospitalisation in Saudi Arabia: phenotype-based differences over a decade **PA3053**
Malik A Althobiani (Jeddah, Saudi Arabia), Husam I Alahmadi, Awad Saeed Algarni, Bader Alshrabi, Ahmad Alhusseini, Lujain Almalki, Abrar Barnwi, Mohamed Haddad, Hanin Alghamdi, Fatma Almaghlouth, Mazen Homoud, Hajed M Al-Otaibi, Abdullah A. Alqarni, Anne-Marie Russell Russell

Nintedanib does not affect the pulmonary artery pressure in progressive fibrotic interstitial lung disease (PF-ILD). **PA3054**
Aneta Kacprzak (Warszawa, Poland), Malgorzata Dybowska, Jaroslaw Kober, Kinga Zawadzka, Katarzyna Lewandowska, Malgorzata Sobiecka, Monika Szturmowicz

A New Approach: Enabling end of life care at home for patients with end stage type 1 respiratory failure (T1RF) using High Flow Nasal Oxygen (HFNO) **PA3055**
Adam Rochester (Watford, United Kingdom), Sharon Chadwick, Maria Buxton

PS-37 Session 249 08:00 - 09:30

Poster session: Studies in connective tissue disease-related interstitial lung diseases

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Pulmonary function testing Imaging Epidemiology Palliative care

Tag(s) : Clinical

Chairs : Marie Vermant (Leuven, Belgium), Anna Maria Hoffmann-Vold (Oslo, Norway), Eoin Judge (Dublin, Ireland)

Clinical and data-driven phenotypes of interstitial pneumonia with autoimmune features and their impact on survival COPHI Study - COllaboration of Poland and Hungary for IPAF **PA3056**
Ewa Miądlikowska (Łódź, Poland), Alexandra Nagy, Aleksander Rycerz, Adam Jerzy Białas, Joanna Miłkowska-Dymanowska, Joanna Samanta Makowska, Wojciech Jerzy Piotrowski, Veronica Müller

Respiratory impairment in Idiopathic Inflammatory Myositis patients with Interstitial Lung Disease: An Exploratory Study. **PA3057**
Melanie Berger (Köln, Germany), Dorren Kroppen, Daniel Majorski, Andreas Leha, Maximilian Wollsching-Strobel, Ulla Matthiessen, Ramona Gilles, Wolfram Windisch, Maximilian Zimmermann, Falk Schumacher

The risk of lower airway infections in patients with rheumatoid arthritis-associated fibrotic ILD and traction bronchiectasis. A sub-analysis of a nationwide survey on bronchiectasis in patients with rheumatoid arthritis. **PA3058**
Osamu Nishiyama (Sakai, Japan), Yasuhiko Yamano, Yasutaka Nakano, Taio Naniwa, Toshihiro Matsui, Yoshifumi Yamamoto, Kota Shjmada, Hiroto Takiguchi, Tsukie Tsukuda, Yoshinori Tanino, Koichi Fukunaga, Kazuya Yoshikawa, Ryo Yamazaki, Hisako Matsumoto

Incremental Diagnostic Yield of A-Cube® Compared with Conventional Assays in Anti-Synthetase Syndrome–Associated Interstitial Lung Disease **PA3059**
Hiroshi Takahashi (Kurashiki, Japan), Machiko Arita, Masamitsu Hamakawa, Akihiko Amano, Tadashi Ishida, Toshihide Yokoyama

Utility of Thoracic MRI and FDG PET-CT in predicting Treatment Response among patients of Connective Tissue Disease Associated-Interstitial Lung Disease (CTD-ILD): A Prospective Observational Study **PA3060**
Anirban Mondal (Rohtak, India), Dhruva Chaudhry, Aman Ahuja, Pawan Kumar Singh, Bhavana Arora, Arjun Narula, Radhika Chelagala

A multimodal machine learning approach combining quantitative CT, radiomics, and clinical variables for early prediction of progressive pulmonary fibrosis in idiopathic inflammatory myopathy-associated interstitial lung disease **PA3061**
Chao Sun (Shanghai, China), Min Zhou

Interstitial lung disease in idiopathic inflammatory myopathies : chest CT findings at diagnosis and one-year follow-up **PA3062**
Claire BARRIER (Toulouse, France), Thomas Villeneuve, Grégoire Prévot, Grégory Pugnet

FeNO and CaNO as Non-Invasive Biomarkers of ILD in Idiopathic Inflammatory Myopathies: A Single-Centre Experience — **PA3063**
Giulia Adinolfi (Caserta, Italy), Vito D'Agnano, Raffaella Pagliaro, Giulio Forte, Antonio Ciancio, Domenica Francesca Mariniello, Fabio Perrotta, Andrea Bianco, Francesco Ciccia, Vasiliki Liakouli

Diagnostic performance of lung ultrasound for detection of interstitial lung disease in patients with rheumatoid arthritis — **PA3064**
Manel Jabberi (tunisia, Tunisia), Islem Mejri, Samira Mhamdi, Chiraz Aichaouia, Zied Moatamri

Comprehensive Autoantibody Testing Maximises Diagnosis of Systemic Autoimmune Disease in Patients with Interstitial Lung Disease — **PA3065**
Eli Nancy Perez Rodas (Barcelona, Spain), Sergio Prieto-González, Ignasi Rodriguez-Pinto, Gerard Espinoza, José Gómez-Puertas, Estibaliz Ruiz, Mariana Benegas, Marcelo Sanchez, Daniel Martinez, Alejandro Frino-García, Xavier Alsina-Restoy, Juan Jose Zapata-Huizi, Josmar Jesvi Riós-Poveda, Manuela Herrera- Tamayo, Mariasol Martinez-Carranza, Jacobo Sellares, Fernanda Hernández-González

Validation of Thoracic Ultrasound Criteria for Screening Rheumatoid Arthritis–Associated Interstitial Lung Disease: A Multicentre Study — **PA3066**
Jesper Rømhild Davidsen (Odense C, Denmark), Maria Otaola, Marie Vermant, Edgardo Sobrino, Torkell Ellingsen, Wim Wuyts, Paola Orausclio, Marcos Rosemffet, Emilce Schneeberger, Joseph Jacob, Stefan Markus Walbom Harders, Alexandros Kalkanis, Patrick Verschueren, Bjørk Sofiudóttir

Systemic Sclerosis: 14-Year RAMSES Cohort Follow-Up: Experience In A Public Hospital In The City Of BUENOS AIRES — **PA3067**
Pablo Szwarstein (Ciudad Autónoma Buenos Aires, Argentina), Sandra Fabiana Montoya, Paula Kaplan, Nicolas D´Amelio, Mauricio Machado Rivis, Martin Pascansky, Eduardo Kerzberg, Martin Sivori, María de los Angeles Barth, Javier iriarte Vazquez

Prospective myositis and scleroderma antibody screening in interstitial lung diseases — **PA3068**
Nimrod Orr Urtreger (Tel Aviv, Israel), Irena Litinsky, Elior Shlomo, Doron Cohn-Schwartz, Ophir Freund, Amir Bar-Shai, Ori Elkayam, Avraham Unterman

Single Time Point Prediction Tool for Systemic Sclerosis-Associated Interstitial Lung Diseases based on High Resolution Computed Tomography — **PA3069**
GraceHyun Kim (Los Angeles, United States), Jonathan Goldin, Donald Tashkin, Pang Yu Teng, Bianca Villegas, Elizabeth Volkmann

Automatized ILD quantification in SSc-ILD: a multicentric validation study from the PROFILEnet ERS Clinical Research Collaboration — **PA3070**
Sophia Benjeaa (Liège, Belgium), Francesco Amati, Katerina Antoniou, Ioanna Argiriou, Lennart Conemans, Vincent Cottin, Benoit Ernst, Janine Gote-Schniering, Monique Henket, Fernanda Hernández González, Michael Kreuter, Jacobo Sellares, Hans Slabbynck, Vanessa Smith, Nicola Sverzelatti, Sara Tomassetti, Ioannis Tomos, Argyris Tzouvelekis, Eirini Vasarmidi, Guang Yang, Julien Guiot

PULMONARY ULTRASOUND IS A USEFUL TOOL FOR SCREENING INTERSTITIAL LUNG DISEASED ASSOCIATED TO RHEUMATOID ARTHRITIS — **PA3071**
Jose Javier Vengoechea Aragoncillo (Valladolid, Spain), Karen Carpio, Ignacio Eiros, Maria Rosa Lopez, Rosa Sedano, Laura Fernandez, Carlos Disdier, Julio Medina

Clinical phenotype of usual interstitial pneumonia pattern in rheumatoid arthritis–associated interstitial lung disease — **PA3072**
Mohammad Gamal Abdalrahman Khalaf (Assiut, Egypt), Safaa Abdelgayed Eid, Ahmed Hafez, Sayed Ahmed, Nada Abdelhameed, Mohammad Khalaf

Connective Tissue Disease–Associated Interstitial Lung Disease in the Era of Emerging Therapies: Real-World Data from a Five-Year Cohort — **PA3073**
Nesrin Öcal (Ankara, Türkiye), Beste Arikan, Emre Tekgoz, Yakup Arslan, Burcu Öztürk Şahin, Deniz Doğan, Cantürk Taşçı

Clinical outcomes of adjunctive intravenous immunoglobulin in rapidly progressive interstitial lung disease associated with anti-MDA5 dermatomyositis: real-world experience from Vietnam — **PA3074**
Trang Vu Thi Thu (Hà Nội, Vietnam), Nghia Nguyen Duc, Nham Pham Thi Minh, Ly Tran Thi, Phuong Phan Thu

PS-38 Session 250 08:00 - 09:30

Poster session: Genetic and familial interstitial lung disease

Disease(s) : Interstitial lung diseases

Method(s) : Imaging Pulmonary function testing Cell and molecular biology Public health Physiology Pulmonary rehabilitation General respiratory patient care Epidemiology

Tag(s) : Clinical, Translational

Chairs : Ilias E. Dimeas (Larissa, Greece), Pilar Rivera Ortega (Exeter, United Kingdom), Chair to be confirmed

POT1 variants are associated with telomere biology disorder including interstitial lung diseases: a multicentric retrospective cohort study Clémence Paillat (Paris, France), Ibrahima Ba, Marie-Pierre Debray, Godelieve Morel, Nathalie Allou, Yurdagul Uzunhan, Hilario Nunes, Jean-Marc Naccache, Joséphine Amar, Clément Massonaud, Arthur Mageau, Hélène Morel, Pauline Chaumet, Rodrigo Calado, Thomas Cluzeau, Antoine Foidure, Aurélie Plessier, Pierre-Emmanuel Rautou, Vincent Cottin, Thijs W Hoffman, Christine Kim Garcia, Coline Van Moorsel, Caroline Kannengiesser, Bruno Crestani, Raphaël Borie, Quentin Philippot, And OrphaLung	**PA3075**
Pulmonary Function Outcomes in Combined Pulmonary Fibrosis and Emphysema Treated With Antifibrotics Berna Özyürek (Ankara, Türkiye), Tuğçe Şahin Özdemirel, Kerem Ensarioğlu, Esma Sevil Akkurt, Tunahan Dolmuş, Güldeste Köse, Hakan Öztürk, Ozan Babaoğlu	**PA3076**
Implementation of an Interstitial Lung Disease Genetics Committee for the Evaluation of Familial Pulmonary Fibrosis: Clinical and Genetic Characterisation Marta Andreu Casas (Barcelona, Spain), María Florencia Pilia, David Espejo Castellanos, Antia Ferreiro Posse, Christian Romero Mesones, Ana Villar Gomez, Xavier Muñoz Gall, María Jesús Cruz Carmona, Alba Torrent Vernetta, Ignacio Iglesias Serrano, Maite Torres Lopez, Eulalia Rovira Moreno, Patricia Muñoz Cabello, Iñigo Ojanguren Arranz	**PA3077**
Association between CT-based emphysema-fibrosis groupings and mortality in patients with combined pulmonary fibrosis and emphysema Tatsuhiro Furuyama (nara, Japan), Kazuya Tanimura, Kazuki Ota, Ryosuke Kataoka, Shin Furutaka, Nobuhiro Fujioka, Yoshifumi Yamamoto, Shigeo Muro	**PA3078**
Influence of a familial pulmonary fibrosis service on the personalised clinical management of probands and at-risk first-degree relatives Charlotte Crook (Exeter, United Kingdom), Victoria Elworthy, Stefan C Stanel, Helen Hanson, Matilda Bradford, Duncan Baker, Belen Carballido-Romero, Thomas Coats, Anna Duckworth, Laura Fabbri, James Fasham, Ben Hudson, Killian Hurley, Austin Kulasekararaj, Hilary J Longhurst, Efrosyni Manali, Philippa May, Maria Molina-Molina, Deborah Morris-Rosendahl, Ariadna Padro-Miquel, Jane Smith, Elisabetta Renzoni, David Zhang, Christopher J Scotton, Michael A Gibbons, Pilar Rivera-Ortega	**PA3079**
The relationship between FVC decline and mortality outcomes in fibrosing interstitial lung disease: A systematic and targeted literature review Maria Cristina Penaloza Ramos (Ingelheim am Rhein, Germany), Rhiannon Green, Nicola Nowak, Pratik Pimple, Madhu Kanakupura, Andrew H. Limper	**PA3080**
Impact of CYP3A inducers on nerandomilast pharmacokinetics Gerrit Weimann (Bergisch Gladbach, Germany), Yichao Yu, Qingmin Guo, Shilpa Madari, Donald Zoz, Dilara Jappar	**PA3081**
Acute effect of aerobic training on endothelial function and functional capacity in patients with idiopathic pulmonary fibrosis. Emilia Raposo Nascimento (São João da Boa Vista, Brazil), Carina Silveira Mariano Nunes, Regiane Maria da Costa Arruda, Edvane Aparecida Braz Araújo Silva, Maria Eduarda Malosá Sampaio, Luciana Maria Malosá Sampaio	**PA3082**
Impact of Bronchodilator and Antifibrotic Treatment on Lung Function Decline in Combined Pulmonary Fibrosis and Emphysema Jieun Kang (Seongnam, Republic of Korea)	**PA3083**
Disease progression in patients with combined pulmonary fibrosis and emphysema: implications for monitoring and clinical trials Irene Tomarelli (Milano, Italy), Asma Ghaouar, Kais Ahmad, Remi Diesler, François Lestelle, Julie Traclet, Francesco Blasi, Ségolène Turquier, Salim Si-Mohamed, Vincent Cottin	**PA3084**
Yield of genetic testing and telomere length assessment in czech patients with interstitial lung disease Martina Šterclová (Praha, Czech Republic), Andrea Holubova, Malgorzata Libik, Eva Parobkova, Hana Sulcova, Milan Macek	**PA3085**

Pleuroparenchymal fibroelastosis in Turkey: a multicentre real-world experience — **PA3086**
Ceren Ilgar Akelma (Eskişehir, Türkiye), Aycan Yuksel, Nazli Cetin, Omer Ozbudak, Nesrın Ocal, Asli Alkan, Habibe Hezer, Ilknur Basyigit, Oner Dikensoy, Fatma Arslan, Mehmet Parlak, Ferhan Karatas, Emine Karabul, Gokhan Altan, Goksel Altinisik, Elif Ozari Yildirim, Aysegul Karalezli, Talat Kilic, Ezgi Demirdogen, Serpil Ocal, Senay Yilmaz, Pinar Yildiz Gulhan, Emine Aksoy, Alperen Aksakal, Aliye Gamze Calis, Aysu Sinem Koc, Kubra Gungor, Esra Sonmez, Orkun Eray Terzi, Ilgim Vardaloglu, Ramazan Eren, Ceren Degirmenci, Burcu Baran, Derya Kocakaya, Gulru Polat, Zuleyha Bingol, Serhat Erol, Trıld TRILD Study Group, Eylem Sercan Ozgur, Ozlem Ozdemir Kumbasar

The Role of Genetic Testing in Rare Interstitial Lung Diseases: TRILD Registry Results — **PA3087**
Aysu Sinem Koç (Istanbul, Türkiye), Göksel Altınışık, Özlem Özdemir Kumbasar, Süreyya Çetin Yılmaz, Veli Çetinsu, Gökhan Altan, Nazlı Hüma Teke, Serhat Erol, Züleyha Bingöl, Nazlı Çetin, Kübra Güngör, Damla Serçe Unat, İlker Yılmam, Habibe Hezer, Aylin Özgen Alpaydın, Çisem Kalyoncu Sarıoğlu, Burcu Baran, Burcu Öztürk Şahin, Aslı Alkan, Gülşah Günlüoğlu, Omer Özbudak, Aliye Gamze Çalış, Alperen Aksakal, Ersin Alkılınç, Adil Zamani, Ezgi Demirdöğen, Ahmet Ursavaş, Mehmet Parlak, Ilgım Vardaloğlu, Gülgün Çetintaş Afşar, Ayşegül Gencer, Ismail Hanta, Pınar Yıldız Gülhan, Nurdan Köktürk, Nurevşan Kuşdoğan, Gülfer Okumuş, Merve Ayık Türk, Serap Argun Barış, Celalettin Korkmaz, Demet Polat Yuluğ, Emine Aksoy, Elif Yelda Özgün Niksarlıoğlu, Fatma Tokgöz Akyıl, Gülru Polat, Ramazan Eren, Ceren Ilgar Akelma, Ceren Değirmenci, Orkun Eray Terzi, Eylem Sercan Özgür, Derya Kocakaya

Therapeutic effects of nintedanib on interstitial lung disease induced by cross-linked water-soluble acrylic acid polymer (CWAAP) — **PA3088**
Saiko Nishioka (Tokyo, Japan), Takamasa Kido, Saburo Ito, Shunsuke Minagawa, Masahiro Yoshida, Satoki Hatano, Tomoya Maruyama, Shun Inukai, Takanori Numata, Hiromichi Hara, Jun Araya, Machi Suka

Rare Interstitial Lung Diseases in the Elderly: A Different Spectrum? — **PA3089**
Aycan Yüksel (Ankara, Türkiye), Nazlı Çetin, Züleyha Bingöl, Burcu Baran, Veli Çetinsu, Ferhat Karataş, Yelda Varol, Ceren İlgar Akelma, Orkun Eray Terzi, Aliye Gamze Çalış, Damla Serçe Unat, Ezgi Demirdöğen, Gülşah Günlüoğlu, Öner Dikensoy, Ayşegül Gencer, Ilgım Vardaloğlu, Aysu Sinem Koç, Ceren Değirmenci, Gökhan Altan, Ramazan Eren, Hülya Dirol, Mehmet Parlak, Buğra Kerget, Talat Kılıç, Göksel Altınışık, Feride Marım, Merda Erdemir Işık, Fatma Arslan, Özlem Özdemir Kumbasar, Oğuz Karcıoğlu, İnci Gülmez, İlker Yılmam, İlknur Başyiğit, Serap Argun Barış, Merve Ayık Türk, Emine Argüder, Habibe Hezer, Hasan Bayram, Barış Demirkol, Samet Samancı, Merve Sinem Oğuz, Serhat Erol, Derya Kocakaya, Gülru Polat, Eylem Sercan Özgür

A longitudinal assessment of patients with subpleural fibrotic interstitial lung abnormalities followed in a tertiary referral hospital. — **PA3090**
Elisabetta Cocconcelli (Padova (PD), Italy), Giusi L'Abbate, Giulia Bartolucci, Serena Bellani, Nicol Bernardinello, Paolo Spagnolo, Elisabetta Balestro

Idiopathic and Secondary Pleuroparenchymal Fibroelastosis (PPFE): A Retrospective Case Series Review — **PA3091**
Marta Garcia Moyano (Barakaldo, Spain), Ainhoa Gómez, Larraitz Garcia, Nuria Marina, Marta Lázaro, Ainhoa Gandiaga, Monica Saiz, Francisco Javier Ruiz, Eva Tabernero

Clinical yield of genetic testing in pulmonary fibrosis: real-world insights from an interstitial lung disease clinic. — **PA3092**
Carmen Vizoso Gálvez (Madrid, Spain), Carmen Palma Milla, Rubén Pérez De La Fuente, Raquel Pérez Rojo

Familial Pulmonary Fibrosis: Clinical Features, Familial Clusters and Radiological–Pathological Correlations in a Single-Centre Cohort study. — **PA3093**
Arianna Belli (Florence, Italy), Leonardo Gori, Anna Lindahl, Federico Lavorini, Sara Coppola, Camilla Eva Comin, Edoardo Cavigli, Chiara Moroni, Elisabetta Rosi, Ilaria Campo, Sara Tomassetti

PS-39 Session 251 08:00 - 09:30

Poster session: Activin-signalling inhibition and other novel disease-modifying approaches in pulmonary arterial hypertension

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Pulmonary function testing | General respiratory patient care | Transplantation | Epidemiology | Physiology | Public health | Imaging | Pulmonary rehabilitation | Cell and molecular biology

Tag(s) : Clinical

Chairs : Valentina Mercurio (Napoli, Italy), Eckart de Bie (Cambridge, United Kingdom), Katarina Zeder (North Bethesda, United States)

Late Breaking Abstract - Echocardiographic (ECHO) parameters with sotatercept in pulmonary arterial hypertension (PAH): a pooled long-term follow-up analysis Maria José Loureiro (Paço de Arcos, Portugal), Marius M. Hoeper, Howard M. Julien, David Badesch, H. Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Vallerie V. McLaughlin, Ioana R. Preston, Rogerio Souza, Aaron B. Waxman, Claudia Friederike Busse, Barry Miller, Zhi Jin Xu, Yaru Shi, PoYao Niu, Alexandra G. Cornell, Marc Humbert	**PA3094**
Impact of Pulmonary Hypertension Treatments on Renal Function Pauline Fra (Saint Etienne, France), Maxime Darjinoff, Alexandre Rodière, Souad Bezzeghoud, Christophe Mariat, Nicolas Maillard, Laurent Bertoletti	**PA3095**
Sotatercept Versus Other Add-on Therapies in Pulmonary Arterial Hypertension: a Bayesian Network Meta-Analysis Yashasvi Srivastava (Ivano-Frankivsk, Ukraine), Shankar Biswas, Ayman Hamadttu, Anagha Shankar, Niharika Mally	**PA3096**
Long-term safety and efficacy of sotatercept treatment for patients with pulmonary arterial hypertension (PAH) associated with connective tissue disease (CTD) Rogério Souza (São Paulo (SP), Brazil), Howard M. Julien, David Badesch, Hossein-Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Marius M. Hoeper, Marc Humbert, Ioana R. Preston, Aaron B. Waxman, Ekkehard Grünig, Paul M. Hassoun, Kristin B. Highland, Stephen C. Mathai, Barry Miller, Jianxin Lin, Yaru Shi, Michela Brambatti, Harald S. Mackenzie, Loïc Perchenet, Alen Dezia, Maria José Loureiro, Vallerie V. Mclaughlin	**PA3097**
Sotatercept in High-Risk PAH Patients Under Triple Combination Therapy, in a Greek PAH centre Frantzeska Frantzeskaki (Athens, Greece), Dimitrios Konstantonis, Maria Doumani, Mihalis Rizos, Iraklis Tsagkaris	**PA3098**
Sotatercept as Add-On Therapy to Triple Combination Therapy with Parenteral Prostacyclin in Pulmonary Arterial Hypertension: Insights from the French Early Access Program David Montani (Le Kremlin-Bicêtre, France), Athénaïs Boucly, Xavier Jaïs, Grégoire Prevot, Bruno Degano, Nicolas Lamblin, Cécile Tromeur, Arnaud Bourdin, Delphine Baudouy, Ségolène Turquier, Mitja Jevnikar, Fabrice Bauer, Laurent Bertoletti, Laurent Savale, Marc Humbert, Olivier Sitbon	**PA3099**
Predictive value of early NTproBNP decline for hemodynamic improvement in sotatercept-treated patients with pulmonary arterial hypertension Sandeep Sahay (Houston, United States), Meagan Chavarria, Maria Maestre, Jianqiong Xu	**PA3100**
When Better Isn't Hemodynamically Better: Paradoxical Pulmonary Vascular Resistance Response Following Sotatercept Therapy Sandeep Sahay (Houston, United States), Maria Jose Maestre, Graham Stockdale, Roberto J. Bernardo, Meagan Chavarria, Roberto F. Machado, Zachary Fulkerson, Nathan Markus, Samar Farha, Adriano Tonelli	**PA3101**
Haemodynamic Effect of Sotatercept and Parenteral Prostacyclins in Pulmonary Arterial Hypertension Patients Léon Genecand (Paris, France), Athénaïs Boucly, Antoine Beurnier, Xavier Jaïs, Bruno Degano, Grégoire Prevot, Christian Gerges, Nicolas Lamblin, Fabrice Bauer, Laurent Savale, Olivier Sitbon, Denis Chemla, Marc Humbert, David Montani	**PA3102**
Real-world safety and efficacy of selexipag in pulmonary arterial hypertension with pulmonary disease Takahiro Hiraide (Tokyo, Japan), Mizuki Momoi, Shogo Ikegami, Atsushi Anzai, Kohji Murakami, Hideki Tanaka, Masaki Ieda	**PA3103**
Clinical Outcomes and Safety of Sotatercept in Pulmonary Arterial Hypertension: A Real- World Propensity-Matched Analysis Parth M Rali (Philadelphia, United States), Sheila Weaver, Shameek Gayen, Lijo Illipparambil, Mario Naranjo-Tovar, Samantha Pettigrew, Pourshahid Omid, Giorgi Chilingarashvili	**PA3104**
Sotatercept for Pulmonary Arterial Hypertension on Background Therapy: An Updated Systematic Review and Meta-Analysis of Randomized Controlled Trials Wafaa Shehada (London, United Kingdom), Mohammad Tanashat, Elsayed Balbaa, Mohammad Alqudah, Minnat Allah Al-Akash, Zaid Alwarawrah, Mohamed Hisham Alamin, Almothana Manasra	**PA3105**
Impact of contemporary management of operable CTEPH on residual pulmonary hypertension after pulmonary endarterectomy Thomas Lacoste-Palasset (Le Kremlin-Bicetre, France), Mitja Jevnikar, Yoichi Sugiyama, Justin Issard, Jean-Noël Andarelli, Athénaïs Boucly, Olaf Mercier, Olivier Sitbon, Laurent Savale, David Montani, Marc Humbert, Philippe Brenot, Elie Fadel, Xavier Jaïs	**PA3106**

Treatment response to sotatercept in participants with pulmonary arterial hypertension at high risk of death: subgroup analysis by cardiometabolic comorbidity burden **PA3107**
Maria José Loureiro (Paço de Arcos, Portugal), David Badesch, Maria José Loureiro, Hossein-Ardeschir Ghofrani, J. Simon R. Gibbs, Mardi Gomberg-Maitland, Marius M. Hoeper, Vallerie V. McLaughlin, Ioana R. Preston, Rogerio Souza, Aaron B. Waxman, Yaru Shi, Chih-Chin Liu, Alexandra G. Cornell, Marc Humbert

Sotatercept in PAH: 12-Month Real-World Outcomes and Safety **PA3108**
Leila Mokachir Mohsenin (Valencia, Spain), Marta Martin Nuñez, Pablo Sanfeliu Cuenca, Maria Jose Martinez Medina, Raquel Lopez Reyes

Pulmonary hypertension and post-transplant survival in candidates with advanced lung disease: a single-center cohort study **PA3109**
Jean-Guillaume Starnini (Siena, Italy), Federico Nigroli, Matilde Pengue, Felice Perillo, Marco Guerrieri, Antonella Fossi, David Bennett, Giuseppina Ciarleglio, Paolo Cameli, Elena Bargagli

Pulmonary arterial pressure in healthy people living at high-altitude. A systematic review and meta-analysis **PA3110**
Julian Müller (Zürich, Switzerland), Michael Furian, Eva Cafuta, Dinah Hertig, Alessandro Vella, Kay von Grünigen, Anna Titz, Mona Lichtblau, Silvia Ulrich

Comparison of invasive vs. non-invasive pulse contour-based cardiac output measurements at rest and during exercise in pulmonary hypertension **PA3111**
Anna Titz (Zürich, Switzerland), Julian Müller, Simon Raphael Schneider, Mona Lichtblau, SIlvia Ulrich

Evaluating circulating miRNA as diagnostic and prognostic biomarkers in a pulmonary hypertension patient cohort **PA3112**
Aurelia Elena Reiser (Zurich, Switzerland), Markus Thiersch, Max Gassmann, Thomas Geiser, Mona Lichtblau, Silvia Ulrich

Functional respiratory imaging (FRI)-derived changes in pulmonary vascular morphology following single-dose inhaled mosliciguat in a Phase 1 open-label study in healthy volunteers **PA3113**
Ubaldo Martin (Waltham, United States), Benjamin Lavon, Suman Ghosal, Joana Costa, Robert Gerber, Hajira Koeller, Jennifer Cormier, Elaine Wu, Yan Xin

PS-4 Session 252 08:00 - 09:30

Poster session: Can’t breathe or won’t breathe? Physiology studies in breathing-pattern assessment

Disease(s) : Airway diseases | Pulmonary vascular diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Physiology | Imaging | Pulmonary function testing | Pulmonary rehabilitation | General respiratory patient care

Tag(s) : Clinical, Translational

Chairs : Rachelle Aucoin (Halifax, Canada), John Dickinson (Canterbury, United Kingdom), Giovanni Cenerini (Livorno, Italy)

Breathing Retraining in Dysfunctional Breathing: Objective Assessment of Pattern Changes via Cardiopulmonary Exercise Testing **PA3114**
Andreas Asimakos (Athens, Greece), Dimitrios Spagoulakis, Jacob Beard, Eleni Papoutsi, Stavroula Spetsioti, Polyxeni Anagnostopoulou, Ioanna Sigala, Paraskevi Katsaounou

Long COVID patients with Dysfunctional Breathing exhibit rapid shallow breathing during recovery after Cardiopulmonary Exercise Testing. **PA3115**
Eleni Papoutsi (Athens, Greece), Andreas Asimakos, Dimitrios Spagoulakis, Stavroula Spetsioti, Antonis Kontaxakis, Paraskevi Katsaounou

Cardiorespiratory effects of laughter in healthy adults: a systematic review of randomised controlled trials **PA3116**
Arietta Spinou (London, United Kingdom), Laura Wilde, Irena Malmberg, Martin Boyd, Vasiliki Theodorou

Quantitative analysis of dysfunctional breathing in cardiolpulmonary exercise testing **PA3117**
Samuel Bergé (Köln, Germany), Anna Bittner, Stefan Schwarz, Dominik Raab, Mario Siebler, Stephan Theiss

Objective characterization of breathing pattern variability using automated analysis of cardiopulmonary exercise tests **PA3118**
Michael Troy (Los Angeles, United States), Sebastian Möbus, Tiffany Chen, Chris Harding, Karl Sylvester, Christopher Cooper

Subtypes of dysfunctional breathing characterized by automated analysis of cardiopulmonary exercise tests (CPET) **PA3119**
Sebastian Frederik Möbus (Cambridge, United Kingdom), Chris J Harding, Tiffany Chen, Michael P Troy, Karl P Sylvester, Christopher B Cooper

Detrended Fluctuation Analysis of CPET data as a Diagnostic Tool for Breathing Pattern Disorder **PA3120**
James Cobb (Cambridge, United Kingdom), Chris Harding, Karl Sylvester, Ben Knox-Brown

Breathing pattern variability during progressive exercise in dyspneic subjects with dysfunctional breathing **PA3121**
Artur Zanelatto Santos (Porto Alegre (RS), Brazil), Clara Freitas, Litiele Evelin Wagner, Fernanda Baptista da Silva, Alice Scussel, Maria Eduarda da Costa, Jheniffer Girelli, Artur Zanelatto, Filipe Sanchez, Jose Alberto Neder, Danilo Cortozi Berton

Asynchronous chest wall motion, volumes, and breathing pattern in stroke survivors **PA3123**
Guilherme Fregonezi (Natal, Brazil), Rayane Grayce Silva Vieira, Íllia Nadinne Dantas Florentino Lima, Verônica Franco Parreira, Matias Otto-Yañez, Antonela Lo Mauro, Jessica Danielle Medeiros da Fonseca, Antônio José Sarmento da Nóbrega, Vanessa Resqueti, Andrea Aliverti

Assessing responses to inhaled bronchodilator with metronome-paced tachypnoea and constant work rate exercise testing in patients with COPD **PA3124**
Lauren Ebel (Coquitlam, Canada), Lauren A. Ebel, Jermyl Allen Acuzar, Reginald M. Smyth, Matthew James, Karam Alosta, Marina Karina Perez Cheng, John McCleary, Madison Coyle, Amany Elbehairy, J Alberto Neder, Nicolle J. Domnik

Ventilatory and thoraco-abdominal patterns: when sex and age matter **PA3125**
Antonella LoMauro (Milano (MI), Italy), Andrea Farolfi, Valeria Calcaterra, Marco Morelli, Gianvincenzo Zuccotti, Andrea Aliverti

Breathing while speaking: differences between male and female **PA3126**
Antonella LoMauro (Milano (MI), Italy), Riccardo Giampiccolo, Paolo Banfi, Alberto Bernardini, Antonio Schindler, Andrea Aliverti

The impact of sex and FRC during maximum sustained phonation of the vowel /a/ **PA3127**
Andrea Aliverti (Milan, Italy), Riccardo Gianpiccolo, Alberto Bernardini, Paolo Banfi, Antonio Schindler, Antonella LoMauro

Analysis of the breathing pattern in a patient with diaphragmatic flutter **PA3128**
Maartje Suzanne van Oostrum (Amsterdam, Netherlands), Carel Raimondus van Wetering, Joost Gerard van den Aardweg

Assessment of diaphragm function in patients with severe asthma treated with biologic therapy **PA3129**
Andrea Portacci (Bari, Italy), Francesca Montagnolo, Santina Ferrulli, Valeria Pezzuto, Marta Tornesello, Maria Granito, Gennaro Rociola, Enrico Buonamico, Leonardo Maselli, Cristian Locorotondo, Esterina Boniello, Pierluigi Intiglietta, Ruben Infantino, Fabrizio Diaferia, Vitaliano Nicola Quaranta, Silvano Dragonieri, Giovanna Elisiana Carpagnano

Difference in inspiratory muscle training breaths between healthy and breathing pattern disordered participants **PA3130**
Kristopher Bahadur (Canterbury, United Kingdom), Jake Bowd, John Dickinson

Improvement of the mechanical coupling between the rib cage and inspiratory intercostal muscles after endoscopic lung volume reduction **PA3131**
Olivier Taton (Bruxelles, Belgium), Alain Van Muylem, Pierre Alain Gevenois, Benjamin Bondue, Dimitri Leduc

Cognitive dysfunction in stable COPD assessed by MMSE and P300 **PA3132**
asma haddar (Sfax, Tunisia), Rim Kammoun, Ines Kammoun, Kaouthar Masmoudi

PS-40 Session 253 08:00 - 09:30

Poster session: Robotic bronchoscopy and advanced navigation

Disease(s) : Thoracic oncology | Interstitial lung diseases | Airway diseases | Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology | Respiratory intensive care | Imaging

Tag(s) : Clinical, Digital health

Chairs : Judith Brock (Heidelberg, Germany), Erik H.F.M. van der Heijden (Nijmegen, Netherlands), Fatima Zahra Khouchilia (Mohammedia, Morocco)

Late Breaking Abstract - Cone-beam CT-guided conventional versus robotic-assisted bronchoscopy: a propensity matched study **PA3133**
Marc Fortin (Quebec (QC), Canada), Juliette Marsolais, Serge Simard, David Dibardino, Christopher R Caruso, Brian Shaller

Comparative Diagnostic Performance of Robotic, Electromagnetic Navigation, and Fluoroscopy for Lung Cancer in Peripheral Pulmonary Lesions: A Prospective, Multicenter, Parallel-Controlled Trial (, China), Junfeng Huang, Li Xu, ZhenDing You, Feng Wang, Guangzhi Wang, Shiyue Li	**PA3134**
Safety and Feasibility of Remote Robotic Bronchoscopy for Peripheral Lung Cancer: A Multicenter, Proof-of-concept Study ZhenDing You (Guangzhou, China), Changhao Zhong, Junfeng Huang, Jingyu Liu, Feng Wang, Chao Wu, Li Li, Shiyue Li	**PA3135**
Beyond the index lesion: Diagnostic impact of systematic biopsy of multiple peripheral pulmonary lesions using robotic-assisted bronchoscopy with integrated cone-beam CT Reto Engeli (Zürich, Switzerland), Bijoy Atique, Nabila Aissami, Patrick Baumgartner, Christian Clarenbach, Silvia Ulrich, Malcolm Kohler, Juergen Hetzel, Carolin Steinack, Thomas Gaisl	**PA3136**
Clinical Observation of 1.1 mm Cryoprobe-Guided Diagnosis for Peripheral Lung Lesions via Thin-Section CT Navigation Combined with Ranging Method Without FluoroscopyA Small-Sample Prospective Study Ting Wang (Beijing, China), Xing Chen, Wenjie Wu, Yanxia He, Bing Xue	**PA3137**
Expansion of Robotic-Assisted Bronchoscopy Applications: Targeted Transbronchial Lung Cryobiopsy for the Diagnosis of Suspected Interstitial Lung Disease Jehad Azar (Scottsdale, United States), Georges Khattar, Kenneth Sakata, Karen Swanson, Laszlo Vaszar, Natalya Azadeh, Michal Reid, Henry Tazelaar, Joe Zein, Naeem Muhammad, Brandon Larsen, Yasmeen Butt, Maxwell Smith, Michael Gotway, Roberto Benzo	**PA3138**
Robotic-assisted bronchoscopy with intraprocedural cone-beam CT enables safe bilateral lung cryobiopsy in a single procedure Naushad Bijoy Atique (Basel, Switzerland), Carolin Steinack, Reto Engeli, Nabila Aissami, Patrick Baumgartner, Christian F. Clarenbach, Silvia Ulrich, Malcolm Kohler, Katrin Hostettler, Jürgen Hetzel, Thomas Gaisl	**PA3139**
Combining intraprocedural cone-beam computed tomography and transbronchial cryobiopsy to improve endobronchial ultrasound-guided transbronchial biopsy for the diagnosis of peripheral ground-glass nodules Ching-Kai Lin (Taipei, Taiwan), Sheng-Yuan Ruan, Hung-Jen Fan, Hao-Chun Chang, Yen-Ting Lin, Chao-Chi Ho	**PA3140**
Robotic-assisted bronchoscopy with integrated cone-beam computed tomography under sedation: A proof-of-concept case series Reto Engeli (Zürich, Switzerland), Anissa V. Amstutz, Malcolm Kohler, Silvia Ulrich, Scott S. Oh, Juergen Hetzel, Carolin Steinack, Thomas Gaisl	**PA3141**
The diagnostic yield of bronchoscopy aided by augmented fluoroscopy using the LungVision system Amanda Dandanell Juul (Odense S, Denmark), Nicoline Matthiessen Andersen, Christian B. Laursen, Arman Arsahd, Kathrine Nybo Holgersen	**PA3142**
Improved Diagnostic Yield of Shape-Sensing Robotic-Assisted Bronchoscopy Compared with Virtual Bronchoscopic Navigation for Peripheral Pulmonary Lesions: A Propensity Score-Matched Study Mengzhen You (Hangzhou, China), Enguo Chen	**PA3143**
Diagnostic yield and safety of robotic-assisted bronchoscopy versus non-robotic navigational bronchoscopy for peripheral pulmonary lesions: A systematic review and meta-analysis Mustapha Arab (Alger, Algeria), Manar Ahmad Al-Harahsheh, Suhad Abu-Qela, Ketfi Abdelbassat	**PA3144**
Diagnostic Performance of Shape-sensing Robotic-assisted Bronchoscopy in Benign Pulmonary Lesions Alejandra Yu Lee-Mateus (Jacksonville, United States), Regina M. Murillo-Torres, Tatiana A. Rojas-Zapata, David Abia-Trujillo, Bryan Husta, Lihn H. Vu, Mohammed A. Alqawasma, Kelly S. Robertson, Sebastian Fernandez-Bussy	**PA3145**
European Real-World Experience With Robotic-Assisted Bronchoscopy and Integrated Cone-Beam CT: Results From an Independent Academic Registry Carmen Angela Centeno Clemente (Barcelona, Spain), Amir Hanna, Reto Engeli, Bijoy Atique, Pedro Rodríguez, Adrian Crutu, Carolin Steinack, Jurgen Hetzel, Antoni Rosell, Thomas Gaisl	**PA3146**
Pilot of a Regional Shape-Sensing Robot-Assisted Bronchoscopy (ssRAB) Lung Cancer Diagnostic Service in the UK Benjamin R Waterhouse (Middlesbrough, United Kingdom), Ahmed Abdelbagi, Christopher Gibb, Mindaugus Balciunas, Victor Chew, Julia Dunleavy, Vandana Jeebun	**PA3147**

ROBOTIC CRYOBIOPSY IN PERIPHERAL PULMONARY LESIONS: OPTIMAL NUMBER OF SAMPLES FOR HISTOLOGIC DIAGNOSIS AND BIOMARKERS **PA3148**
Pedro Rodriguez Martin (Barcelona, Spain), Carmen Angela Centeno Clemente, Laura Martínez Vega, Alfredo Marín Muñiz, Santiago Menjura Gómez, Laura Hernández León, Felipe Cristoba Andreo García, Ignasi García Olivé, Antoni Rosell Gratacós

Immediate diagnostic proficiency and progressive efficiency in robotic-assisted bronchoscopy with integrated cone-beam CT **PA3149**
Nabila Aissami (Zürich, Switzerland), Reto Engeli, Christian F. Clarenbach, Patrick Baumgartner, Silvia Ulrich, Malcolm Kohler, Carolin Steinack, Thomas Gaisl

How long can you hold your breath? Sustained breath holds in shape-sensing robotic-assisted bronchoscopy **PA3150**
Judith Brock (Heidelberg, Germany), Ulrich Keppler, Birgit Khandanpour, Werner Schmidt, Felix Herth

Carbon dioxide levels and its influence during breath hold in robotic-assisted bronchoscopy and cone-beam CT interventions **PA3151**
Julian Lüthi (Gipf-Oberfrick, Switzerland), Marny Thalmann, Kathleen Jahn, Katrin Hostettler, Jürgen Hetzel, Naushad Bijoy Atique, Daniel Bolliger

Real-World Experience with Navigational Bronchoscopy: A Single Centre Analysis of Demographics and PDL1 Specimen Adequacy **PA3152**
Eimear Foley (Galway, Ireland), Sally Griffiths, Lorraine Thong, David Breen

PS-41 Session 254 08:00 - 09:30

Poster session: Central airways: emergency and interventions

Disease(s) : Thoracic oncology | Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Imaging | Transplantation | Respiratory intensive care | Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Kaid Darwiche (Hemer, Germany), Efsun Gonca Uğur Chousein (Istanbul, Türkiye), Martina Ferioli (BOLOGNA, Italy)

Late Breaking Abstract - Symptom burden and quality of life in lung cancer patients presenting with central airways obstruction: a comparative prospective cohort study **PA3153**
Cyrus Daneshvar (Plymouth, United Kingdom), Daniel Crowle, Avik Ghoshal, Emma Saliu, Hem Rai, Helen McDill, Irfan Zaki, Aparna Iyer, Maged Fayed, Thomas Nicholson, Lily Telisinghe, Adrian Marchbank

Emergency bronchoscopy performed outside the bronchoscopy lab: characteristics and outcomes. **PA3154**
Marcelina Wilk (Kraków, Poland), Iwona Gross- Sondej, Jacek Krawczyk, Łukasz Kasper, Aleksandra Ciołkowska, Aleksandra Graca, Katarzyna Wolak, Justyna Zdunkiewicz, Kamil Polok, Krzysztof Sładek

Therapy of benign tracheal narrowing using biodegradable stent. **PA3155**
Ludek Stehlik (Praha 4, Czech Republic), Vladimir Koblizek, Martina Koziar Vasakoca

Microbiological Profile of Colonization in Silicone Tracheal Stents for Benign Tracheal Stenosis **PA3156**
Manel Jabberi (tunisia, Tunisia), Znegui Tasnim, Chaabane Mariem, Hammouda Naziha, Maazaoui Sarra, Sonia Hbibech, Hajer Racil, Nawel Chaouch

Quantitative Assessment of Airway Morphology Using Bronchoscopic Optical Coherence Tomography **PA3157**
Ting Wang (Beijing, China), Faming Liu, Xuanye Zhang, Runyu Zhang, Jiang Zhu, Jie Zhang, Bing Xue

Prophylactic haemostatic treatment to control iatrogenic bleeding during transbronchial biopsy (PROTECT study): a multicentre, randomised, single-blind, placebo-controlled study **PA3158**
Chao Cao (Ningbo, China), Bei Li, Li He, Wei Wu, Min Ji, Wen Zhang, Lina Wang, Tanushree Kochar, Fang Yue, Aijun Zhang, Yijun Ge, Xiaoyan Jin, Yan Zhang, Hongying Ma, Qunli Ding, Fei Tang

Interventional Bronchoscopy in Children: The First Reported Cases from Türkiye **PA3159**
Aslı Imran Yılmaz (konya, Türkiye), Dirk Schramm, Sevgi Pekcan

Prophylactic tranexamic acid versus adrenaline for bleeding prevention during flexible bronchoscopy: a double blind, placebo controlled, randomized clinical trial (TAVA2) **PA3160**
Goran Glodić (Zagreb, Croatia), Denis Baričević, Filip Popović, Dražena Srdić, Mateja Janković Makek, Feđa Džubur, Ivan Sabol, Marta Koršić, Ana Bačelić Gabelica, Dina Rnjak, Bernard Budimir, Dina Mihelčić, Miroslav Samaržija, Sonja Badovinac

Modified approach for the treatment of idiopathic subglottic stenosis: The SMRDS method **PA3161**
Chris Happé (Amsterdam, Netherlands), Bart Boerrigter, Peter Bonta, Jouke Annema, Hans Daniels

Bronchial artery embolization in moderate-to-severe hemoptysis: clinical outcomes and diagnostic agreement between CT angiography, arteriography and bronchoscopy. **PA3162**
Alejandro García García (Madrid, Spain), Jorge Mora, Isabel Alonso, Alejandro Garcia, Waail Boubekri, María Conejero, Monica Babiano, Carmen Mira, Beatriz Raboso, Fernando García, María Teresa Río

Granulomatosis Polyangiitis Masquerading as isolated Lower Airway Disease **PA3163**
filza faateh (karachi, Pakistan), Moiz Salahuddin, Nousheen Iqbal, Talha Shahzad, Muhammad Irfan

Airway smooth muscle detection through endobronchial polarization sensitive optical coherence tomography **PA3164**
Laure Nicolai (Amsterdam, Netherlands), Tatiana Soldati, Sofi Vassileva, Jouke Annema, Peter Bonta, Johannes de Boer

Repeated bronchoscopies in an asthma trial: multi-disciplinary (nursing, physician, scientist) experience of four procedures per subject over 6 weeks **PA3165**
Kai mun Carmen Chan (london, United Kingdom), Dominic Wilkins, Eva Fiorenzo, Osman Hatem, Faiza Ahmed, Joan Nanan, Julia Aniscenko, Tata Kebadze, Lydia Finney, Salman Siddiqui, Onn Min Kon, Sebastian L Johnston

Are Bronchoalveolar Lavage (BAL) and Bronchial Aspirate (BA) concordant in cellular and microbiological analysis of the airway in asthma? **PA3166**
Paula Maria García Fernández (Barcelona, Spain), Paula Maria García Fernández, Marta Plana Pes, Cristina Bellver Asperilla, Mariana Muñoz Esquerre, Alfredo Muñoz Marin, Domingo Madera Hernandez, Pere Trias Sabria, Marta Díez Ferrer, Rosa Lopez Lisbona, Guillermo Suarez Cuartin, Salud Santos Perez

Breaking Restenosis: 'Cryotherapy-Enhanced Trachealator Dilation for Sustained Tracheal Patency **PA3167**
Arvindran Alaga (Alor Setar (Kedah), Malaysia), Nur Huda Muhd Rasman

Isolated tracheobronchial relapsing polychondritis: A masquerader of chronic airway disease **PA3168**
Omar K. Mahmoud (Beirut, Lebanon), Rouba Rahhal, BendyLemon Salameh, Georges Dabar

DSA combined with portable bronchoscope for the placement of implanting customized Y-shaped stents in the treatment of complex airway disease **PA3169**
Chen Zhu (Yantai, China), JianPing Zhou

Glue Before You Embolize? A 20-Year Real-World Experience of Endobronchial Cyanoacrylate in 844 Hemoptysis Patients **PA3170**
Rakesh Kumar Chawla (New Delhi (Delhi), India), Aditya kumar Chawla

Customization of iCast® stents in severe multi-causal bronchial stenosis by Interventional Pulmonology: case series in a low-income country **PA3171**
Julián Rondón-Carvajal (Medellin, Colombia), Juan Botero-Bahamón, Alejandro Londoño-Villegas, Roberto Benavides-Arenas, Felipe Campo-Campo, Adnan Majid, Erik Folch

Expanding the interventional toolbox: Use of a novel ultrathin video probe in bronchoscopic treatment of complex airway stenosis **PA3172**
Marc Struß (Düsseldorf, Germany), Faustina Funke, Rüdiger Karpf-Wissel

PS-42 Session 255 08:00 - 09:30

Poster session: Together we can make a difference: equality in care and hope in research

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Pulmonary vascular diseases | Thoracic oncology

Method(s) : Pulmonary rehabilitation | Epidemiology | General respiratory patient care | Palliative care | Public health

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Marise Kasteleyn (Leiden, Netherlands), Purva Abhyankar (Edinburgh, United Kingdom), Caroline Love (York, United Kingdom)

Improving mental health pathways in pulmonary rehabilitation, using experience based codesign **PA3173**
Laura Moth (London, United Kingdom), Candice Ebelthite, Jessie McCulloch, Robert Harland, Iona Dewet, Sophie Lowry, Irem Patel, Crossan Jennie, Osman Leyla

COPD care rewired: development of a stakeholder-driven hybrid care pathway **PA3174**
Ruben Knevels (Diepenbeek, Belgium), Jelle Schils, Sarah Haesevoets, Julie Vranken, Chris Burtin, David Ruttens, Femke Wouters

Community-based participatory development of an adolescent asthma self-management instrument **PA3175**
Elif Isik (Houston, United States), Nina Fredland, Jean-Marie Bruzzese

Co-design and pilot testing of a very brief behavioural change approach to assist referrers to discuss pulmonary rehabilitation (PR) with COPD patients. Rachel Tuffnell (London, United Kingdom), Andrew McEwen, Barbara Newman, Nithi Sivasubramaniam, Cherry Kilbride, Emma Norris, Dynameni Androulaki Korakaki, Mariam Fargin, Sophia Papadakis, Michael Steiner, Elaine Bevan-Smith, William D-C Man, Stephanie JC Taylor, Liz Steed, Claire M Nolan	**PA3176**
What matters most: prioritizing remote patient monitoring requirements in co-creation with patients Atena Mahboubian (Leiden, Netherlands), Marise Kasteleyn, Jiska Aardoom	**PA3177**
Improving understanding of the patient experience in pulmonary fibrosis (PF): identifying and addressing unmet needs Steve Jones (Peterborough, United Kingdom), Sarah Agnew, Lorraine Cuffe, Sue Farrington, Dolly Kervitsky, Sophia Krick, Sharon Lee, Linguo Li, Emma Parfrement, Jessica E Shore, John Solheim, Sanchaita Sonar, Mary Wheatley	**PA3179**
From Concept to Multicentre Trial: The Central Role of Patient and Public Involvement and Engagement (PPIE) in Developing and Testing SELF-BREATHE, a Digital Intervention for Chronic Breathlessness. Charles C. Reilly (London, United Kingdom), Katherine Bristowe, Eleanor Rochester, Juan Pablo Alvarez Ayala, Erika J Kennington, Trudie Chalder, Irene J Higginson	**PA3180**
Calm Breathing: A dialogue-based tool for managing dyspnoea for patients with COPD Lisbeth Skousen Svendsen (børkop, Denmark), Ingeborg Farver-Vestergaard, Anders Løkke, Jannie Christina Frølund	**PA3181**
Building a European patient advisory network in rare fungal lung disease: development, outputs and awareness impact over two years Lisa McNeil (Blackpool, United Kingdom), Graham Atherton, Elisa Jones	**PA3182**
Findings from the HERON needs prioritisation partnership: Exploring and mapping unmet needs and potential health technology solutions in chronic respiratory disease Zhanna Oganesova (Oxford, United Kingdom), Sonya Panchenko, Marta Wanat, Philip Turner, Sarah Tonkin-Crine, Gail Hayward, Helen Ashdown	**PA3183**
Patient perspectives on antimicrobial resistance in chronic lung disease: a pooled thematic analysis from the AMR-LUNG/European Lung Foundation global patient survey Dominic L Sykes (Hull, United Kingdom), Efthymia Papadopolou, Pieter Goeminne, Ana Machado, Dareen Marghlani, Lisa McNeil, Joyce Norwell, Catia Paxao, Amelia Shoemark, Jeanette Boyd, Miquel Ekkelenkamp, Stephanie Thee, Anand Shah	**PA3184**
Can adolescents in disadvantaged populations be engaged in tailoring prevention packages that reduce youth tobacco and air pollution exposure? Implementation insights from FRESHAIR4Life Polina Starchenko (Etterbeek, Belgium), Rianne van der Kleij-van der Sluis, Pippa Powell, Siân Williams, Luís Carvalho, Saima Saeed	**PA3185**
Listening First: Participant Engagement Was Associated with Sustained Improvements in Lung Cancer Screening Research Recruitment Joshua Kuti (London, United Kingdom), Farhan Huq, Phoebe Raleigh, Martin Yardley, Sam Janes	**PA3186**
Consensus palliative care referral criteria for people with idiopathic pulmonary fibrosis: An international Delphi study Amy Pascoe (Prahran, Australia), Natasha Smallwood, Jennifer Philip, Yuchieh Kathryn Chang, Sabrina Bajwah, Magnus Ekström, Nicole Goh, Yet Khor, Mhoira Leng, Kathleen Oare Lindell, Jeff McCulloch, Pedro Emilio Perez-Cruz, Tony Warwick, David Hui	**PA3187**
Understanding the patient-provider perspective of PuRe Trial implementation in rural India: Significance of Community Engagement and Involvement (CEI) and provider feedback in implementation research BISWAJIT PAUL (Vellore, India), Dharini Mk, Manoj Jacob Dhinagar, Udhayakumar P, Jebaraj P, Santosh Kumar, Purva Abhyankar, Sian Williams, Victoria Hammersley, Ee Ming Khoo, Hilary Pinnock	**PA3188**
Breaking barriers to inclusive paediatric respiratory research: co-designing studies with families of children with neurological impairment Amy Nuttall (Liverpool, United Kingdom), Paul McNamara	**PA3189**
Patient reported challenges and support needs when initiating oxygen therapy in pulmonary fibrosis Lian Trapman (Nieuwgein, Netherlands), Marjolein Drent, Miranda Hennevelt-Leenen, Jan. C. Grutters, Anne-Marie Russell	**PA3190**

Social functioning in Primary Ciliary Dyskinesia (PCD) – highlighting patients' and caregivers' experiences: a mixed methods study of patients and caregivers **PA3191**
Andrea Fernandez-Rodriguez (Bern, Switzerland), Nena Karavasiloglou, Vasiliki Gkatzou, Katie Dexter, Michele Manion, Hansruedi Silberschmitd, Sofia Zambrano, Francesco Pagnini, Claudia E. Kuehni, Myrona Goutaki

PS-5 Session 256 08:00 - 09:30

Poster session: Physiology of airway disease: new research

Disease(s) : Airway diseases Respiratory critical care Pulmonary vascular diseases

Method(s) : Imaging Physiology Pulmonary function testing General respiratory patient care Public health Epidemiology Cell and molecular biology

Tag(s) : Clinical, Translational , Digital health

Chairs : Freda Yang (London, United Kingdom), Simon Couillard (Sherbrooke, Canada), Thomas Halvorsen (Bergen, Norway)

Late Breaking Abstract - Added diagnostic value of oscillometry for adult asthma assessment: a pragmatic real-world study **PA3192**
Eleanor Quek (London, United Kingdom), Beverly Kowlessar, Hannah Tighe, Sam Faulkner, Hugo Farne, Maxine Cudbill, Ernie Wong, Sarah Elkin, Omar Usmani, Joan Nanan, Matthew J Martin, Janwillem W H Kocks, Salman Siddiqui

Bronchodilator Droplet Size differentially affects airway function in Asthma: Preliminary results **PA3193**
Claire O'Sullivan (Melbourne, Australia), Andrew Gillman, Brigitte Borg, G. Kim Prisk, Nina Eikelis, Ronan MacLoughin, Kris Nilsen, Bruce Thompson

Diagnostic performance of ATS/ERS 2005 and 2022 bronchodilator response criteria in asthma diagnosis **PA3194**
Patharapan Lersritwimanmaen (Bangkok, Thailand), Pantian Sripirom, Wipawee Kiatsermkachorn

Difference in Bronchodilator Response Positivity Between the ERS/ATS 2005 and 2021 Criteria in Newly Diagnosed Asthma: A Retrospective Cohort Study **PA3195**
Thanaphon Wayuphak (Bangkok, Thailand), Pornprapa Chindamporn

FVC as a Surrogate for Restriction Severity: Agreement and Limitations Compared with TLC **PA3196**
Pedro Miguel Catarino Varandas (Lisboa, Portugal), Ana Sara Gonçalves, Raquel Barros, Ana Sofia Oliveira, Paula Pinto

Cardiac and Pulmonary Structural Changes in Mice with Elastase-Induced Emphysema **PA3197**
Maria Gloria Rodrigues Machado (Belo Horizonte (MG), Brazil), Igor Antonio Carvalho-Ribeiro, Giselle Santos Magalhães, Luciano Aggum Capettini dos Santos, Melissa Tainan Silva Dias, Olga Lúcia Maquilon Moreno, Frank Silva Bezerra, Pedro Alves Machado-Junior, Monique Machado Louredo Teles Bombardelli, Carlos Henrique Castro

Assessment of respiratory consequences in severe upper and central airway disorders using oscillometry **PA3198**
József Tolnai (Szeged, Hungary), Attila Nagy, Kitti Repkóné Farkas, Kinga Judit Kovács, László Szakács, Ádám Bach, László Rovó, Ferenc Peták

Association between Lung Elasticity from Paired Inspiration–Expiration and Structure: Functional CT Assessment in Emphysema **PA3199**
GraceHyun Kim (Los Angeles, United States), Minji Kim, John Nelyon, Pang Yu Teng, Igor Barjaktarevic, Matthew Brown, Jonathan Goldin, Michael Mcnitt-gray

Utility of a novel complex breathing airway scan in the assessment of uneplained breathlessness and wheeze **PA3200**
Zander J. Williams (London, United Kingdom), Zander J. Williams, Giovanni Cenerini, Dylan Beinart, Christopher M Orton, Phillip Bardin, Kenneth K Lau, Jamie Dormand, Thomas Semple, James H Hull

Influence of high-flow catheter geometry on supratracheal spaces assessed by Videofluoroscopy **PA3201**
Alessandra Dorca (Goiânia, Brazil), Ana Paula Oliveira Raimundo, Edna Maria de Sena Souza, Tiina Maarit Andersen, Letícia de Araújo Morais

Determinants of elevated lung clearance index (LCI) in adults undergoing nitrogen multiple-breath washout (N_2-MBW): a retrospective analysis **PA3202**
Martina Moscatelli (Terni, Italy), Arianna Gesmini, Roberta Dortucci, Alessandro Porcella, Angelo Petroianni, Paolo Palange, Pierantonio Laveneziana, Matteo Bonini

Lung clearance index (LCI) identifies severe ventilation inhomogeneity and gas trapping in obstructive lung disease with low total lung capacity — **PA3203**
Roberta Dortucci (Roma, Italy), Martina Moscatelli, Arianna Gesmini, Alessandro Porcella, Angelo Petroianni, Paolo Palange, Pierantonio Laveneziana, Matteo Bonini

Determination of Tiffenau Index based on electrical impedance tomography using statistical methods and machine learning — **PA3204**
Anzhelika Mezina (Brno, Czech Republic), Stepan Miklanek, Samuel Genzor, Jan Mizera, Radim Burget

Elevated lung clearance index (LCI) tracks "phantom" lung volume: the association between LCI and VA/TLC mismatch in a large real-world adult cohort — **PA3205**
Arianna Gesmini (Roma, Italy), Martina Moscatelli, Roberta Dortucci, Alessandro Porcella, Angelo Petroianni, Paolo Palange, Pierantonio Laveneziana, Matteo Bonini

Validation of a Novel Respiratory Gas Analysis Device (Spirofit) across Variable Ventilation Intensities and Frequencies — **PA3206**
Simon Pacharzina (München, Germany)

Comparing Airway Resistance Measurement: Body Plethysmography Versus Interrupter Method in Adults. — **PA3207**
Bita Rashidinejad (Tehran, Islamic Republic of Iran), Seyed Hamidreza Abtahi, Tayebe Mohammad Alizade, Niloofar Khoshnam Rad

Does a novel, highly sensitive test of lung function, Computed Cardiopulmonography, detect differences in lung function of young healthy vapers compared to non-vaping controls? — **PA3208**
Michael Henderson (Oxford, United Kingdom), Nicholas M J Smith, Dominic Sandhu, Graham Richmond, Grant A D Ritchie, Peter A Robbins, Nick P Talbot, Nayia Petousi

A structured, low-cost strategy to improve spirometry interpretation and diagnostic reasoning — **PA3209**
Paolo Andres Ballerio Meza (Guayaquil, Ecuador), Killen H. Briones-Zamora, Ivanna N. Ferrín Yepez, Anahí D. Briones-Zamora, Killen H. Briones-Claudett

Impulse Oscillometry in COPD: Area of Reactance Outperforms Resistance Parameters for Severity Stratification and Small Airway Dysfunction — **PA3210**
Moumita Rahaman (Kolkata, India), Beauty Halder, Arup Halder, Sourav Chowdhury, Raja Dhar

Peak Cough Flow Impairment and Clinical Severity Markers in Chronic Obstructive Pulmonary Disease — **PA3211**
Chaima BRIKI (ariana, Tunisia), Khouloud Kchaou, Salma Bouslama, Molk Maalej, Yacine Ouhachi

PS-6 Session 257 08:00 - 09:30

Poster session: Home non-invasive ventilation: telemonitoring and service organisation

Disease(s) : Airway diseases, Respiratory critical care, Sleep and breathing disorders

Method(s) : Physiology, Respiratory intensive care, General respiratory patient care, Public health, Pulmonary rehabilitation, Surgery

Tag(s) : Clinical

Chairs : Martins Purenkovs (Riga, Latvia), Irena Šarc (Ljubljana, Slovenia), Clara Bianquis (Paris, France)

Impact of standardized care plan on hospital admissions in patients with COPD treated with long-term non-invasive ventilation. — **PA3212**
Line Hust Storgaard (Aabybro, Denmark), Anne-Mette Meldgaard, Martin Jensen, Ulla Møller Weinreich

Organisational Models, Reimbursement and Registry Infrastructure for HMV and PAP therapy: Results from the ERS CRC IMPORTANCE International Clinical Survey — **PA3213**
Claudia Crimi (Catania (CT), Italy), Dries Testelmans, Jacek Nasiłowski, Carla Ribeiro, Carla Ribeiro, Ana Filipa Machado, Rebecca D'Cruz, Raphael Heinzer, Maxime Patout, Winfried Randerath, Sofia Schiza, Manuel Sanchez-de-la-Torre, Marieke Duiverman, Esther Schwarz

Management of COPD patients receiving long-term home non-invasive ventilation: a systematic review — **PA3214**
Scott Gibson (Norderstedt, Germany), Claudia Crimi, Simon Oczkowski, Annalisa Carlucci, Jean-Louis Pépin, Juliane Hafermann, Anya Lissina, Rhodri Saunders, Sarah Alami

Impact of a Pilot Project for Home Care in a Patient with Neuromuscular Disease and non invasive ventilatory dependence through University Extension in Paraguay: A Case Report — **PA3215**
Shirley Montserrat Galeano Reynal (Asuncion, Paraguay), Juan Pablo Achar, Gloria Concepción Giménez Ysasi, Cristhian Portillo, Rocío Arruabarrena, Andrés Kang kwon

The Transitions to Long-term In Home Ventilator Engagement Study (TtLIVE): a pragmatic randomized controlled trial Joseph Munn (Toronto, Canada), Reshma Amin, Samantha Mekhuri, Munazzah Ambreen, Regina Pizzuti, Francine Buchannan, Andrea Gershon, Louise Rose	**PA3216**
Perioperative non-invasive ventilation (NIV) in patients with chronic respiratory failure undergoing surgery Alexandra Hodge (London, United Kingdom), Neeraj M Shah, Patrick Murphy, Eui-Sik Suh, Georgios Kaltsakas, Lindsay Arrandale, Huw Thomas, Khaled Al-Arfi, Nicholas Hart	**PA3217**
HOME NIV IN OBESITY-HYPOVENTILATION SYNDROME AND OHS+OSA SUBGROUP: PRELIMINARY DATA OF NIV COMPLIANCE RELATED-EFFECTS ON BLOOD GASES, QOL AND DAY-SLEEPINESS Simon Tripi (Milano, Italy), Salvatore Longobardi, Jacopo Civello, Laura Ferrentino, Miriam Viganò, Andrea Lanza, Michele Chiericozzi, Paolo Tarsia	**PA3218**
Switching from NIV to CPAP in OHS: impact on all-cause mortality and time to first hospitalisation Jean-Louis Pépin (Grenoble, France), Eleonore Herquelot, Helene Denis, Anne Josseran, Florent Lavergne, Atul Malhotra, Peter Cistulli, Sacha Hiridjee, Maxime Patout, Alain Palot, Arnaud Prigent	**PA3219**
Influence of Autonomy Level and Patient Support on Adherence to Home Mechanical Ventilation Alessandra Lopez Romeo (Barcelona, Spain), Sandra Lopez Suarez, Laura Jimenez Santamaria, Patricia Peñacoba Toribio, Paula Pujal Montaña, Maria Carme Puy Rion, Macarena Segura Medina	**PA3220**
Managing obesity in patients with obesity related respiratory failure (ORRF) on home non-invasive ventilation (NIV) – experiences from a regional home ventilation service Joseph Cross (Newcastle upon tyne, United Kingdom), Matthew Gibson, Juliet Tyndall, Hussun-Ara Shah, Ben Messer, Hilary Tedd, Nicholas Lane	**PA3221**
Experiences and attitudes of clinicians delivering non-invasive respiratory supports in Australia Catherine Buchan (Melbourne, Australia), Lena Ly, Stephanie Zappino, Yet Khor, Rebecca Disler, Natasha Smallwood	**PA3222**
Patient-reported experience and perceived health status-prognosis with non-invasive ventilation in elderly patients: a cross-sectional study comparing two age cohorts. Marcos Lafarga Poyo (Talavera de la Reina (Toledo), Spain), Ángel Ortega González, María De La Cruz Rodríguez, Isaac A. Pérez Romero, María S. Estrada Pastor, Enrique Hernández Castro, Álvaro A. Flores Jiménez, América Gil Fuentes	**PA3223**
Transition of home mechanical ventilation from pediatric to adult care: experience ina tertiary hospital Juan José Chiriboga Heredia (Barcelona, Spain), Arianna Patricia Andrade, Daniel Ramos, Creu Regne, Núria Rodes, Yesly Carlos, Alba Torrent, Maria Morillo, Raúl Juntas, Viviana Jaumandreu, Miriam Barrecheguren, Mercedes Pallero, Galo Granados, María Saez, Júlia Sampol, Sergi Martí	**PA3224**
Differences in Ventilatory Parameters Recorded by Home Mechanical Ventilation Software in COPD Patients Hospitalized for Exacerbation: Comparison Between Stability and Exacerbation Lucia Gómez Martin-Caro (Madrid, Spain), Miguel Ángel Salvador Maya, Lenín Santiago Almeida Moreno, Paula Martín Almazán, Annette Zevallos Villegas, Celia María Pinedo Sierra, Cristina Matesanz López, Lucia Orta Galindo, José Manuel Padilla Brito, Gianna Vargas Centanaro, Medardo Montenegro Villavicencio, Carla Novoa García, Elizabeth Manuely Gonzalez Revilla	**PA3225**
EFFECTIVENESS AND SAFETY OF A STANDARDIZED DECANNULATION PROTOCOL IN THE INTERMEDIATE RESPIRATORY CARE UNIT (IRCU) Alfonso Amaro López (Sevilla, Spain), Nuria García Fernández, Maria del Carmen Talavera Cobo, Sergio López Ruz, Emilio García Díaz, Ana Gómez Ortiz, Concepción Hurtado Pedrosa, Saray Morcillo Díaz, Javier Ignacio Toral Marín	**PA3226**
Quality of life (QoL) and satisfaction in patients with severe COPD and chronic hypercapnic respiratory failure receiving home non-invasive ventilation (NIV) STAVROULA ZANELI (ATHENS, Greece), Konstantinos Bartziokas, Kalliopi Tsiki, Angelos Vontetsianos, Kyriaki Cholidou, Nektarios Anagnostopoulos, Christina Anagnostopoulou, Nikolaos Chynkiamis, Petros Bakakos, Nikoletta Rovina, Andriana Papaioannou	**PA3227**
Hospital Admission Outcomes in Chronic Obstructive Pulmonary Disease (COPD) Patients with Home Mechanical Ventilation (HMV) Ai Hooi Tee (Sheffield, United Kingdom), Diaeddin Sagar	**PA3228**

Impact of laryngeal-targeted non-invasive ventilation adjustment on health-related quality of life in chronic obstructive pulmonary disease **PA3229**
Anne Kristine Brekka (Arendal, Norway), Petrine Veierød Solli, Solfrid Indrekvam, Merete Salveson Engeset, Ola Drange Røksund, Hege Clemm, Sverre Lehmann, John-Helge Heimdal, Thomas Halvorsen, Patrick Brian Murphy, Maria Vollsæter, Tiina Andersen

PS-7 Session 258 08:00 - 09:30

Poster session: Molecular signatures and mechanisms in COPD and airway diseases

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Cell and molecular biology Physiology Imaging Epidemiology

Tag(s) : Basic science, Clinical, Translational

Chairs : Maha Zohra Ladjemi (Paris, France), Ali Oender Yildirim (Neuherberg, Germany), Dawn DeMeo (Boston, United States)

Late Breaking Abstract - TSLP polymorphisms are associated with modulated allergen-induced airway inflammatory responses in asthma **PA3230**
Maral Ranjbar (Hamilton, Canada), Fatemeh Sadeghi, Roma Sehmi, Judah Denburg, Paul M. O'Byrne, Ryan Murphy, Teal Hallstrand, Gail M. Gauvreau

UBE2M Deficiency in Alveolar Macrophages Promotes Emphysema through HIF-2α/MMP12 Axis **PA3231**
Zhouyang Li (Hangzhou, China), Dongyu Guo, Yong Wang, Jiesen Zhou, Zhihua Chen

Clinical and molecular profiles of childhood- and adult-onset severe eosinophilic asthma **PA3232**
Wafaa Shehada (London, United Kingdom), Ian M. Adcock, Freda Yang, Nazanin Zounemat-Kermani

Clinical and Molecular Characterization of Novel SERPINA1 Variants in a Large Alpha-1 Antitrypsin Deficiency Cohort **PA3233**
Tobias Boeselt (Ebsdorfergrund, Germany), Martina Veith, Roberta Cogliani, Christian Reuling, Zohal Steinhauer-Adib, Viktor Kotke, Andreas Klemmer, Lourdes Osaba, Gernot Rohde, Timm Greulich, Tobias Boeselt

Nasal epigenetic marks of emphysema reveal enrichment in immune and repair pathways **PA3234**
Nina Fordel (Boston, United States), Bonnie Patchen, Harshini Gaddam, Yichen Huang, Eleanor K. Phillips, Woei-Yuh Saw, Peter J. Castaldi, Adel Boueiz, Dawn L. DeMeo

Evaluating the Pathological Role of Z Polymers in Alpha-1 Antitrypsin Deficiency **PA3235**
Rebecca FitzGerald (Dublin, Ireland), Suzanne Roche, Léa Gaume, Mairéad Rowland, Emma Leacy, Lucy Kirwan, Ronan Heeney, Elena Miranda, Emma Farrell, Caitriona Breathnach, Tomás Carroll, Mark Murphy, Gerry McElvaney

Epigenetic profiling of bronchial brushes reveals COPD endotypes with clinically distinction **PA3236**
Jing Zhang (Groningen, Netherlands), Machteld Hylkema, Dirk-Jan Slebos, Corry-Anke Brandsma, Irene Heijink, Karin Klooster, Alen Faiz, Simon Pouwels, David Dylus, Veit Erpenbeck, Harm Tiddens, Barbara Geering, Emma Doran, Wiebke Theess, Michele Grimbaldeston, David Choy, Maarten van den Berge, Maaike de Vries

Opposing Roles of Canonical and Non-Canonical Wnt Signaling in Smoke-Induced Airway Injury **PA3237**
Liu Yang (Kiel, Germany)

Genome-wide CRISPR/Cas9 knockout library screening to identify genes susceptible to cigarette Smoke **PA3238**
Antonia Karabatic (Sydney, Australia), Tayyaba Sadaf, Zina Hamoudi, Christopher E. Denes, Tian D'Araujo, G. Gregory Neely, Maarten van den Berge, Alen Faiz

Transcriptional and epigenetic profiling of circulating monocytes in COPD **PA3239**
Kieran Woolcock (Glasgow, United Kingdom), David Anderson, John Cole, Carl Goodyear

The clinical impact of mild-to-moderate Alpha-1 Antitrypsin Deficiency in Bronchiectasis **PA3240**
Núria Angrill Sellés (Granollers (Barcelona), Spain), Yolanda Galea Colón, Jaume Bordas Martinez, Miguel Sampayo Cordero, Mireia Baiges Badia, Santi Mora Acosta, Maria del Pilar Ortega Castillo, Anna Mola Ausiró

UBE2E2 Promotes Invasion and Epithelial–Mesenchymal Transition in Lung Adenocarcinoma by Stabilizing SNAI1 via Inhibition of Ubiquitin-Mediated Degradation **PA3241**
Li Jiang (Nanchong, China), Hang Chen

Blood Epigenetic Signatures of FeNO and their modulation by Eosinophilic inflammation in young adults **PA3242**
Sandra Casas Recasens (Barcelona, Spain), Raquel Garcia, Xenia Carrizosa Guerri, Mireia Perez, Julieta Viglino, Ciro Casanova, Borja Cosio, Fàtima Crispi, David Diaz Perez, Alberto Fernandez-Villar, Judith Garcia-Aymerich, Luis Gonzalez-de Paz, Juan R Gonzalez, Amanda Iglesias, Jose Luis Izquierdo, Marta Marín-Oto, José Maria Marín, Rommy Novoa, Andrea Ocaña, Sergi Pascual, Gabriela P Peralta, Lidia Perea, Josmar Rios, David Sanz-Rubio, David Sarrat-Gonzalez, Maties Torrent, Miguel Vazquez, Valle Velasco, Marc Vila, Àlvar Agustí, Rosa Faner, O n behalf of the P4COPD study team

Identification of CT-based structural alterations resembling COPD in individuals without airflow obstruction **PA3243**
Maidinuer Saimi (Groningen, Netherlands), Jorine E. Hartman, Tatiana Karp, Pauline J M Kuks, Victor Guryev, Alen Faiz, Wim Timens, Simon D. Pouwels, Irene H Heijink, Karin Klooster, Dirk-Jan Slebos, Henk Buikema, Bert van der Vegt, David Dylus, Veit J Erpenbeck, Harm Harm Tiddens, Sanaz Berahmani, Barbara Geering, Emma Doran, Wiebke Theess, Michele Grimbaldeston, David F Choy, Corry-Anke Brandsma, Maarten van den Berge

Factors associated with serum CC16 levels in young adults **PA3244**
Xènia Carrizosa Guerri (Barcelona, Spain), Mireia Pérez, Núria Olvera, Sandra Casas, Ciro Casanova, Borja Cosio, Fatima Crispi, David Díaz, Alberto Fernández-Villar, Judith Garcia-Aymerich, Luis González-de Paz, Juan R Gonzalez, Amanda Iglesias, Jose Luis Izquierdo, Marta Marín-Oto, Jose María Marín, Rommy Novoa, Andrea Ocaña, Sergi Pascual, Gabriela P. Peralta, Lídia Perea, David Sanz-Rubio, David Sarrat-González, Josmar Ríos, Maties Torrent, Miguel Vázquez, Valle Velasco, Marc Vila, Àlvar Agustí, Rosa Faner, On behalf of the P4COPD study team

Airway size-specific pathobiology in COPD: histological and molecular insights from human studies **PA3245**
Giulia Natali (Parma, Italy), Lorenzo Aloisi, Davide Amidani, Stefania Sgroi, Elena Tantillo, Marcello Trevisani, Silvia Pontis, Barbara Pioselli

OSM promotes alveolar type II cell senescence in COPD-emphysema via the STAT3/IGFBP2 axis **PA3246**
Yang Li (Shenyang, China), Li Zhao

Single cell cytokine analysis of blood T cells reveals increased multifunctional CD8+ type-2 cytokine responses during an eosinophilic exacerbation in COPD **PA3247**
Hnin Aung (Leicester, United Kingdom), Adam Wright, Hnin WW Aung, Rebecca Dale, Abdullah Jamal, Tracy Thornton, Helen Evans, Phoebe Ashley, Sarah Edwards, Cara Flynn, Hamish McAuley, Omer Elneima, Willliam Monteiro, Edward J Caruana, David J Cousins, Neil Greening, Chris E Brightling

Integrated plasma Proteomics and Metabolomics capture COPD systemic biology and exacerbator endotypes with external validation **PA3248**
César Jessé Enríquez Rodríguez (Barcelona, Spain), William Breuer, Carme Casadevall, Alexandra Eliasaff, Ady Castro-Acosta, Eduard Monsó, Luis Seijo, Bella Agranovich, Sergi Pascual-Guàrdia, Esther Barreiro, Ifat Abramovich, Hanan Schoffman, Borja G. Cosio, Ori Shalev, Alvar Agusti, Joaquim Gea Guiral

Contribution of disulfide bonds to native bronchial mucus elasticity in stable COPD patients **PA3249**
Kawthar Shaalan (Grenoble, France), Antoine Raffournier, Samarmar Chacaroun, Hugues Bodiguel, Bruno Degano

PS-8 Session 259 08:00 - 09:30

Poster session: Immune regulation in the lung: the central role of macrophages

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Epidemiology | Transplantation | General respiratory patient care | Physiology | Public health

Tag(s) : Basic science

Chairs : Suzanne Cloonan (Dublin, Ireland), Silke Geirnaert (Ghent, Belgium), Alen Faiz (Ultimo (NSW), Australia)

Late Breaking Abstract - Kynurenine activates the AhR-MAPK-HDAC1/CIITA axis to suppress HLA -DR expression and antigen presentation in Acute Respiratory Distress Syndrome **PA3250**
Baolu Yang (Beijing, China), Haifan Zhang, Jieqiong Li, Zhaohui Tong

dsRNA-induced macrophage death and inflammatory signals disrupt lung fibroblast homeostasis **PA3251**
Chiara Cipollina (Palermo (PA), Italy), Lara Di Leonardo, Maria Concetta Volpe, Francesca Amico, Luigi Fiore, Margot Lo Pinto, Nicolina Sciaraffa, Maria Rita Giuffrè, Marco Buscetta, Chiara Lo Nigro, Claudia Coronnello, Simone Scilabra, Alice Conigliaro, Roberto Marchese

Role of macrophage gasdermins in cigarette smoke-associated mitochondrial dysfunction **PA3252**
Chiara Cipollina (Palermo (PA), Italy), Chiara Finocchio, Maria Concetta Volpe, Maria Rita Giuffrè, Francesca Rappa, Alessandro Bertani

Disease-specific ACE2 receptor expression in airway macrophage subsets in asthma and COPD Patrycja Nejman-Gryz (Warsaw, Poland), Elżbieta Grabczak, Małgorzata Proboszcz, Joanna Hermanowicz-Salamon, Rafał Krenke	**PA3253**
LSC - 2026 - Sex-specific upregulation of TLR7 in alveolar macrophages of female COPD patients Fien Vermaere (Ghent, Belgium), Leander Jonckheere, Guy Brusselle, Phil Hansbro, Ken Bracke	**PA3256**
Exploring the multi-omics landscape in high altitude pulmonary edema Kanika Singh (Delhi, India), Krishna Kumar G, Manzoor Ali, Rahul Kumar, Aastha Mishra	**PA3257**
Early leukotriene B4 (LTB4) in lung allograft bronchoalveolar lavage (BAL) is associated with development of chronic lung allograft dysfunction (CLAD) Elena Floris (New York, United States), Chiara Camillo, Rayoun Ramendra, Miguel Leiva-Juarez, Anna Miller, Luke Benvenuto, Tereza Martinu, Frank D'Ovidio	**PA3258**
Differential modulation of regulatory T cells by IL-33 in acute rejection and chronic lung allograft dysfunction Sara Biancucci (Siena, Italy), Bruna Sabbatino, Irene Paggi, Marco Guerrieri, Paolo Cameli, Elena Bargagli, Laura Bergantini	**PA3259**
Transcriptomic Modulation by Extracorporeal Photopheresis in Patients with Chronic Lung Allograft Dysfunction Sara Bozzini (Pavia, Italy), Rosalia Cacciatore, Maria Antonietta Grignano, Marilena Gregorini, Mario Urtis, Domenica Federica Briganti, Eloisa Arbustini, Cesare Perotti, Federica Meloni, Teresa Rampino, Claudia Del Fante	**PA3260**
IL-4 exerts potent and broader impact on immune and structural cells compared to IL-13 Andrea Vecchione (Tarrytown, United States), Subhashini Srivatsan, Brianna Buonagurio, Audrey Le Floc'h, Kirsten Nagashima, Kaitlyn Gayvert, Wei Keat Lim, Seblewongel Asrat, Jamie Orengo	**PA3261**
Chronic low-dose PM2.5 exposure impairs antiviral immunity and alters pulmonary mechanics in response to acute viral challenge Min Feng (Chengdu, China), Xu Bai, Gang Wang, Hui Chen, Brian Oliver	**PA3262**
Characterization and implication of interstitial macrophages in epithelial repair during COPD Laureen Hurault (Montpellier, France), Engi Ahmed, Isabelle Vachier, Aurelie Fort, Olivier Cazorla, Qiang Bai, Arnaud Bourdin	**PA3263**
Antibiotic-mediated disruption to the intestinal microbiota reprograms alveolar macrophages. Stefano Colombo (Manchester, United Kingdom), Nicholas Scott, James Orr, Catriona Laverty, Melissa Lawson, Craig McEntee, Elizabeth Mann	**PA3265**
Parapneumonic pleural fluid drives alternative activation of human macrophages with increased immunothrombotic potential; insights from an EMPIRE-affiliated centre Emma McNally (Dublin., Ireland), Aisling Rehill, Aisling Newing, Karen Slattery, John McGrath, Adam Dyer, Conor Finlay, Roger Preston, Laura Gleeson	**PA3266**
Optimising induced sputum for flow cytometry of pulmonary immune cells: comparison of jet driven and vibrating mesh nebulisers Helen O'Brien (Dublin, Ireland), Julie C Worrell, Kathryn Duvall, Niamh Boyle, Donal O'Malley, Atia Batool, Megan McKean, Lisha Joshi, Ronan Murray, Madita Hovel, Sarah H Forde, Ilias Dimeas, Michael P Keane, Cormac McCarthy, Adam J Byrne, Alessandro N Franciosi	**PA3267**
Identification of resident versus donor-derived alveolar macrophages in alpha-1 antitrypsin deficiency following bone marrow transplantation Mairead Rowland (Dublin, Ireland), Rebecca Fitzgerald, Léa Gaume, Lucy Kirwan, Emma Leacy, Georgia Bateman, David Quigley, Suzanne Roche, Tomás Carroll, Mark Murphy, Gerry McElvaney	**PA3268**
Role of miRNAs delivered by extracellular vesicles from LPS-primed mesenchymal stem cells in immune modulation Aina Areny Balagueró (Sabadell, Spain), Navneet Purewal-Chohan, Marta Camprubí-Rimblas, Elena Campaña-Duel, Antonio Artigas, Daniel Closa	**PA3269**

PS-9 Session 260 08:00 - 09:30

Poster session: From alveolar injury to fibrotic remodelling: new insights into pulmonary fibrosis

Disease(s) : Interstitial lung diseases Respiratory critical care Airway diseases

Method(s) : Cell and molecular biology Physiology

Tag(s) : Basic science, Translational

Chairs : Mareike Lehmann (Marburg, Germany), Jan Willem Duitman (Amsterdam, Netherlands), Manuela Funke-Chambour (Lausanne, Switzerland)

Late Breaking Abstract - Distinct Pathological Neutrophils in Idiopathic Pulmonary Fibrosis Identify Disease Endotypes Katharine Lodge (London, United Kingdom), Sarah Nakanishi, Leda Yazbeck, Gopal Ramadas-Dhondalay, Jochen Guck, Philip Molyneaux, Andrew Cowburn	**PA3270**
Identification of endotype-specific and pro-reparative therapeutic strategies targeting alarmins and K+ channels using preclinical models in Acute Respiratory Distress Syndrome Emmanuelle Brochiero (Montréal (QC), Canada), Tom Voisin, Caroline Landry, Emmanuel Charbonney, Damien Adam	**PA3271**
Conditioned extracellular matrix (ECM) from normal human lung attenuates the pro-fibrotic behavior of IPF fibroblasts Gali Epstein Shochet (Kfar-Saba, Israel), Lilach Israeli-Shani, David Shitrit	**PA3272**
NOX4 is expressed in aberrant basaloid epithelial cells and myofibroblasts in IPF lung tissue (,), Emma Boberg, Eleni Kougioumtzidou, Meztli Matadamas Guzman, Lisa Öberg, Daniel Muthas, Adnan Azim, Adam Platt, Antonio Piras, Zala Jevnikar	**PA3273**
Suppression effectiveness of the newly developed inflammatory-quenching antibiotics on IPF symptoms in the irreversible mouse model of IPF Nahoko Tomonobu (Okayama, Japan), Rie Kinoshita, Kazumi Sagayama, Masakiyo Sakaguchi	**PA3274**
Patient-derived induced alveolar type 2 cells reveal a role for RTEL1 in DNA damage responses Amy Duffy (Dublin, Ireland), Xi Jing Teoh, Wan Lin Ng, Aoife Carolan, Anja Schweiker, Killian Hurley, Mari Ozaki	**PA3275**
Early Claudin-1–Associated Alveolar Program in Idiopathic Pulmonary Fibrosis Furkan Karadag (Leuven, Belgium), Emanuela Elsa Cortesi, Vincent Anquentil, Nathan Provin, Tristan Backx, Frauke Christ, Bart Vanaudenaerde, Wim Wuyts, Marianne Carlon, Geoffrey Teixeira, Laurens De Sadeleer	**PA3276**
Identification of target of nerandomilast using alveolar type 2-specific gene knockout mice Shigehisa Yanagi (Miyazaki, Japan), Hironobu Tsubouchi, Rika Inomata, Katsuya Sakai, Taiga Miyazaki	**PA3277**
METTL3 Restrains Profibrotic SPP1+ Macrophage Activation in Pulmonary Fibrosis via m6A-dependent Regulation of Mafb Ruifang Liang (Shenzhen, China), Lifei Li, Xue Chen, Bingxin Guo, Qiong Jiang, Yutian Ye, Lingwei Wang, Shanze Chen	**PA3278**
LTBP2-mediated myofibroblast senescence accelerates lung aging and the progression of age-related lung diseases Feng Zhang (Quzhou, China), Zheng-kai Wang, Song Yang, Yu Xiong, Min Zhang, Li-sha Liu, Cheng-shui Chen	**PA3279**
Investigating the biglycan-TLR3-IFNAR1 axis in pulmonary fibrosis Ch Dünser (Innsbruck, Austria), Richard Hilbe, Sabina Sahanic, Angelina Ananich, Can Gollmann-Tepeköylü, Ivan Tancevski	**PA3280**
LSC - 2026 - Transcriptional and spatial multi-omics reveal diet-altered remodelling of the lun g landscape Aishat Azeez (Dublin, Ireland), Lian Dahlan, Tara Brady, Nikolai Pakhomov, Snizhana Vasyliuk, Arif Chowdury, Arman Rahman, John Baugh	**PA3281**
Effect of selective furin inhibition on matrix metalloproteinases in COPD Beril Guney (Belfast, United Kingdom), Fionnuala Doran, James Reihill, Lorraine Martin	**PA3282**
Profiling and validation of pulmonary fibrosis-associated circular RNAs in alveolar epithelial type 2 cells Kanwal Irshad (Dublin, Ireland), Cristina Ruedell Reschke1, Killian Hurley, Sahin Sarihan, Chiara De Santi	**PA3283**
Quantitative profiling of circulating monocytes in post-COVID-19 pulmonary fibrosis Geetanjali Bade (New Delhi, India), Afsa Junaid, Anjana Talwar, Saurabh Mittal, Anant Mohan	**PA3284**
Anticorisin Antibody Improves Survival in a Murine Model of Acute Exacerbation of Pulmonary Fibrosis Valeria Fridman-D'Alessandro (Tsu City, Japan), Hajime Fujimoto, Tomoko Anoh, Yurie Kogue, Haruko Saiki, Tomohito Okano, Atsushi Tomaru, Corina D'Alessandro-Gabazza, Taro Yasuma, Esteban Gabazza, Tetsu Kobayashi, Speaker to be confirmed	**PA3286**

Fluvoxamine mitigates bleomycin-induced pulmonary fibrosis in mice **PA3287**
Adam Hosszu (Budapest, Hungary), Akos Roland Toth, Dora Bianka Balogh, Tamas Lakat, Dora Haluszka, Kata Cseko, Judit Hodrea, Zsuzsanna Helyes, Attila J. Szabo, Andrea Fekete

Mesenchymal stem cell (MSC) freeze-dried secretome for lung fibrosis therapy: efficacy proof-of-concept in a murine model **PA3288**
Ilaria Ferrarotti (Pavia, Italy), Ilaria Ferrarotti, Elia Bari, Francesca Ferrera, Rossana Rossi, Laura Camporesi, Simona Turi, Alice Maria Balderacchi, Sara Magni, Edoardo Bertania, Stefania Ottaviani, Angelo Modena, Dario Di Silvestre, Gilberto Filaci, Maria Luisa Torre, Angelo Guido Corsico

1A Session 293 08:30 - 10:00

State of the art session: Pulmonary vascular diseases

Chronic thromboembolic pulmonary disease with and without pulmonary hypertension

Aims : To give an overview of the molecular mechanisms involved in chronic thromboembolic pulmonary disease and to discuss novel methods for studying the disease, including genomics, animal models and thrombosis on chip models; to give an update on the epidemiology of the condition, with special reference to changes in hemodynamic definitions; to discuss the indications and outcomes of surgical techniques; to discuss the indications, techniques and outcomes of balloon pulmonary angioplasty, with and without additive vasodilator treatment; to discuss knowledge gaps and how to prioritise research efforts.

Disease(s) : Pulmonary vascular diseases Respiratory critical care

Method(s) : Imaging Physiology Surgery

Tag(s) : Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Respiratory critical care physician, Physician in Pulmonary Training, Physiologist, Radiologist, Scientist (basic, translational), Thoracic surgeon

Chairs : Laurent Godinas (Leuven, Belgium), Joanna Pepke-Zaba (Cambridge, United Kingdom), Harm Jan Bogaard (Amsterdam, Netherlands)

08:30 **Mechanisms of chronic thromboembolism** **3321**
Rozenn Quarck (Leuven, Belgium)

08:45 **Rehabilitation after pulmonary embolism and for chronic thromboembolic disease with or without pulmonary hypertension** **3322**
Erik Klok (Leiden, Netherlands)

09:00 **Pulmonary endarterectomy: the gold standard treatment of chronic thromboembolic pulmonary hypertension** **3323**
David Jenkins (Cambridge, United Kingdom)

09:15 **Balloon pulmonary angioplasty: evolving methodology and indications** **3324**
Irene Lang (Wien, Austria)

09:30 **Discussion and Q&A** **3325**
All speakers

3L Session 294 08:30 - 09:15

Pro-Con debate: Awake respiratory support in acute respiratory distress syndrome

Balancing the risk of patient-induced lung injury versus ventilator-induced lung injury

Aims : To explain the balance between patient self-inflicted lung injury (p-SILI) and ventilator-induced lung injury when choosing ventilatory support in acute respiratory distress syndrome (ARDS); to discuss the potential of extra corporeal membrane oxygenation (ECMO) to offer protective lung ventilation or even to furlough invasive ventilation during ARDS, while highlighting the fact that this is uncharted territory; to explain that ARDS may occur in the context of severe sepsis and multiorgan dysfunction with increased oxygen consumption and extraction, but that it also may occur as a severe single organ dysfunction; to put forward the case for using awake ECMO in ARDS in terms of it limiting the complications of invasive ventilation, but to highlight that it might increase p-SILI through increased respiratory drive.

Disease(s) : Respiratory critical care

Method(s) : Physiology Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physiologist, Scientist (basic, translational), Respiratory therapist

Chairs : Winfried J. Randerath (Solingen, Germany), Matteo SICILIANO (Roma, Italy), Sophia E. Schiza (Heraklion, Greece)

08:30 **Introduction & voting** **3326**
All speakers

08:34	**PRO: Awake ECMO in ARDS - Addressing ventilator induced lung injury** Glaciele Alcala (Boston, United States)	**3327**
08:44	**CON: Awake ECMO in ARDS- Addressing patient self inflicted lung injury** Ana Cysneiros (Lisboa, Portugal)	**3328**
08:54	**Discussion and Q&A** Glaciele Alcala (Boston, United States), Ana Cysneiros (Lisboa, Portugal), Esther Irene Schwarz (Zürich, Switzerland), Dries Testelmans (Leuven, Belgium)	**3329**
09:04	**PRO: Rebuttal** Glaciele Alcala (Boston, United States)	**3330**
09:07	**CON: Rebuttal** Ana Cysneiros (Lisboa, Portugal)	**3331**
09:10	**Voting & Wrap-up** All speakers	**3332**

3B Session 295 08:30 - 10:00

Hot topics: Molecular insights without a scalpel: the rise of liquid biopsy in thoracic oncology

Aims : To explain how liquid biopsy constitutes a minimally invasive tool for molecular profiling, diagnosis and monitoring in thoracic malignancies, particularly lung cancer; to provide a forward-looking perspective on how molecular diagnostics are reshaping the landscape of thoracic oncology, aligning with the ERS's commitment to innovation, precision medicine and patient-centred care; to bring together general respiratory physicians, lung cancer experts, thoracic surgeons, pathologists, scientists and industry to foster multidisciplinary collaboration and consolidate the adoption of liquid biopsy in thoracic oncology; to demystify liquid biopsy and present it through multidisciplinary lenses; to describe recent advances in liquid biopsy technologies (e.g. circulating tumour DNA, circulating tumour cells, exosomal biomarkers) and their role in guiding targeted therapies and immunotherapy; to explain the integration of liquid biopsy into lung cancer clinical pathways for screening, diagnosis and treatment including surgery, including its use when tissue samples are insufficient, inaccessible or contraindicated; to list real-world case studies and emerging data demonstrating how liquid biopsy can detect resistance mutations, monitor treatment response and support early relapse detection.

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology Imaging Surgery

Tag(s) : Clinical, Basic science, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Rachelle Asciak (SIGGIEWI, Malta), Najib M. Rahman (Oxford, United Kingdom), Didier Schneiter (Zürich, Switzerland)

08:30	**From symptoms to sequencing: a respiratory physician's guide to liquid biopsy in lung cancer** Maria Joana Pereira Catarata (Porto, Portugal)	**3333**
08:45	**Liquid biopsy meets LDCT: a hybrid model for early detection** Georgia Hardavella (Athens, Greece)	**3334**
09:00	**From Mutation to Medication: Liquid Biopsy-Guided Therapy in NSCLC** Aurélie Swalduz (Lyon, France)	**3335**
09:15	**Decoding mesothelioma and malignant pleural effusions: molecular signatures and circulating DNA to personalise care** Kevin Blyth (Glasgow (Glasgow), United Kingdom)	**3336**
09:30	**Discussion and Q&A** All speakers	**3337**

3C Session 296 08:30 - 10:00

Hot topics: Rare respiratory diseases across the lifespan: tackling challenges through multidisciplinary collaboration

Aims : To understand the biological and clinical complexity of rare respiratory diseases across the lifespan; to examine how multidisciplinary collaboration improves diagnosis, stratification and patient-centred care; to evaluate emerging translational and data-driven approaches for advancing therapies and outcomes in rare respiratory diseases.

Disease(s) : Interstitial lung diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Cell and molecular biology | Physiology | Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist, Pharmacist

Chairs : Erol Gaillard (Leicester, United Kingdom), Sara Cuevas Ocaña (Cambridge, United Kingdom), Raffaella Nenna (Rome, Italy)

08:30	**The translational challenge of interorgan, chronic and rare respiratory diseases, lessons from cystic fibrosis** Marcus Mall (Berlin, Germany)	**3338**
08:45	**Beyond borders: how European registries and biobanks are reshaping our understanding of chILD** Honorata Marczak (Warszawa, Poland)	**3339**
09:00	**Multidisciplinary care for rare lung diseases (patient view)** Natalia Maeva (Sofia, Bulgaria)	**3340**
09:15	**Developing in vitro cellular and organoid models for cystic and fibrotic lung disease for high-throughput drug screening** Stefan Marciniak (Cambridge (Cambridgeshire), United Kingdom)	**3341**
09:30	**Discussion and Q&A** All speakers	**3342**

3D Session 297 08:30 - 10:00

Clinical cases: World of imaging

Aims : To describe multidisciplinary imaging use in respiratory medicine; to bring together clinicians, radiologists, infectiologists, surgeons, pathologists and other specialists to present and discuss how imaging technologies are used in real and difficult-to-diagnose clinical cases across respiratory disease areas; to illustrate how different imaging tools contribute to patient diagnosis and management from multiple professional perspectives and also demonstrate the use of imaging techniques not just for diagnosis but also to guide interventions.

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Respiratory infections

Method(s) : Endoscopy and interventional pulmonology | General respiratory patient care | Imaging

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Respiratory critical care physician, Pathologist, Patient, Physician in Pulmonary Training, Radiologist, Thoracic surgeon, Respiratory therapist

Chairs : Marjolein A. Heuvelmans (Amsterdam, Netherlands), Elżbieta Magdalena Grabczak (Warszawa, Poland), Rebecca Mura (Vienna, Austria)

08:30	**Haemoptysis with localised bronchial hyperaemia at bronchoscopic observation: is it a diagnostic clue?, including Q&A** Gregoris Stratakos (Athens, Greece)	**3343**
08:52	**From nodules to answers: a diagnostic challenge, including Q&A** Belgundi Preeti (Davangere (Karnataka), India)	**3344**
09:14	**The lungs under stress: B-lines in motion, including Q&A** Alexandros Kalkanis (Leuven, Belgium)	**3345**
09:36	**A non-resolving pneumonia, including Q&A** Venerino Poletti (Forlì, Italy)	**3346**

3E Session 298 08:30 - 10:00

Mini symposium: Integrating palliative care into COPD care
Challenges, communication and European innovations

Aims : To highlight the importance of integrating palliative care into standard trajectories of care for people with advanced COPD, combining insights from existing research, training, clinical practice and international collaboration; to highlight unmet palliative care needs in people with advanced COPD; to explore barriers to timely integration of palliative care at the patient, healthcare professional and system levels; to discuss strategies to improve patient–clinician communication around palliative care needs, goals of care and advance care planning; to enable participants to identify commonly unmet palliative care needs in this patient group, where palliative care needs often go undiscussed and palliative care is still initiated late in the course of illness; to invite participants who engage in this session to compare current models of care with recommendations for improving palliative care provision for patients with advanced COPD, to critically assess the implementation of palliative care in COPD care within their care context and to implement strategies for patient-centred discussions of care needs, preferences and concerns in their own practice.

Disease(s) : Airway diseases

Method(s) : Palliative care

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Kristin Walter (Chicago, United States), Ioannis Vogiatzis (Blyth, United Kingdom), Lisa Jane Brighton (London, United Kingdom)

08:30	**Patient testimony** Richard Müller (Colchester, United Kingdom)	**3347**
08:35	**Challenges in and barriers to integrating palliative care into care for patients with COPD** Szilvia Soós (Pécs, Hungary)	**3348**
08:50	**Communication with patients with advanced COPD: barriers, helpful strategies and suggestions for improvement** Els Verschuur (Nijmegen, Netherlands)	**3349**
09:05	**Adapting an intervention to facilitate implementation across different countries** Didar Karadag Akkaya (Lancaster, United Kingdom)	**3350**
09:20	**Discussion and Q&A** All speakers	**3351**

3F Session 299 08:30 - 10:00

Symposium: Multiscale multiomics to dissect lung diseases: from bench to bedside

ERS Lung Science Conference 2026 session

Aims : To present the highlights of the ERS Lung Science Conference 2026, which was held in Estoril in March 2026 and focused on the application of multiscale multiomics to dissect lung diseases, including the translational aspects.

Disease(s) : Airway diseases Paediatric respiratory diseases

Method(s) : Cell and molecular biology Physiology

Tag(s) : Translational , Basic science

Target audience : Clinical researcher, Medical Student, Physiologist, Scientist (basic, translational)

Chairs : Theodore Kapellos (Munich, Germany), Didier Cataldo (Liege, Belgium)

08:30	**Multiomics approaches to decoding the lung atlas** Martijn C. Nawijn (Groningen, Netherlands)	**3352**
08:45	**Unveiling hidden biological complexity: enabling multimodal spatialomics analysis following light-sheet microscopy of whole-mount samples** Leonor Simoes (Montreal, Canada)	**3353**
09:00	**Multiomics in diagnostics and therapeutics: paediatric asthma** Maria Pino-Yanes (San Cristóbal de La Laguna, Spain)	**3354**
09:15	**Increased S-nitrosothiol flux and S-nitrosoglutathione reductase expression in bronchopulmonary dysplasia with tracheobronchomalacia** Stephanie Adaikalam (Indianapolis, United States)	**3355**
09:30	**Discussion and Q&A** All speakers	**3356**

Studio Session 302 09:00 - 09:45

Deep Dive: Equity in providing care for respiratory diseases

Aims : To examine disparities in access to respiratory healthcare across different settings and populations; to identify strategies for improving equitable access to medicines, services and outcomes worldwide.

Tag(s) : Clinical, Global reach

Chairs : Ee Ming Khoo (Kuala Lumpur, Malaysia), Sami O. Simons (Maastricht, Netherlands)

09:00	**Availability of medications** Job F.M. van Boven (Groningen, Netherlands)	**3363**
09:10	**Inequities in high- and middle-income countries** Ian Sinha (Liverpool (Merseyside), United Kingdom)	**3364**
09:20	**Inequities in LMIC** Rebecca Nantanda (KAMPALA, Uganda)	**3365**
09:30	**Discussion and Q&A** All speakers	**3366**

3.11 Session 303 09:00 - 11:20

Skills workshop: SW8 SW8: Advanced interpretation of cardiopulmonary exercise testing – €

Additional registration is required for this session

Aims : To discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop any new skills and expertise needed to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop the skills needed to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Physiology Pulmonary function testing Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Paediatrician, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Respiratory therapist

Chairs : Sam Bayat (Grenobe, France)

09:00	**Assessing breathlessness** Paolo Onorati (Alghero (SS), Italy)	**3367**
09:00	**Laryngoscopy during exercise: live demonstration** James H. Hull (London, United Kingdom), Hege Clemm (Paradis, Norway)	**3368**
09:00	**Ventilatory efficiency and gas exchange** Afroditi Boutou (Thessaloniki, Greece)	**3369**
09:00	**Dynamic hyperinflation and other respiratory measurements: live demonstration** William Stringer (Torrance, United States), Mathieu Marillier (Echirolles, France)	**3370**

3L Session 305 09:15 - 10:00

Guidelines session: Continuous positive airway pressure for the treatment of adult obstructive sleep apnoea

Continuous positive airway pressure for adult obstructive sleep apnoea

Aims : To provide an update on continuous positive airway pressure (CPAP) therapy for adult obstructive sleep apnoea (OSA); to describe the current evidence regarding the use of CPAP in different subpopulations of OSA patients, based on the recent guideline; to highlight evidence gaps and future perspectives.

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Physiology

Tag(s) : Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Winfried J. Randerath (Solingen, Germany), Matteo SICILIANO (Roma, Italy), Sophia E. Schiza (Heraklion, Greece)

09:15	**Patient testimony** Luca Roberti (Rome, Italy)	**6811**

09:20	**Existing guidelines on CPAP therapy and the need for a new European guideline** Esther Irene Schwarz (Zürich, Switzerland)	**3375**
09:35	**New ERS/ESRS clinical practice guideline for continuous positive airway pressure for the treatment of adult obstructive sleep apnoea** Dries Testelmans (Leuven, Belgium)	**3376**
09:50	**Discussion and Q&A** Esther Irene Schwarz (Zürich, Switzerland), Dries Testelmans (Leuven, Belgium), Glaciele Alcala (Boston, United States), Ana Cysneiros (Lisboa, Portugal)	**3377**

3G Session 306 09:30 - 10:45

Oral presentation: Non-invasive respiratory support: outcomes, monitoring and escalation of treatment

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Physiology | Respiratory intensive care | Pulmonary function testing | Epidemiology

Tag(s) : Clinical

Chairs : Maxime Patout (Paris, France), Begüm Ergan (Izmir, Türkiye)

09:30	**Breathing via the Gut – 6 week non-clinical in-vivo study to assess safety and pharmacodynamics of the enteral CO2 absorber RESPILIQ** Christian Cornelissen (Aachen, Germany), Stefan Siebert, Richard Ramakers, Stefan Jockenhoevel	**OA3378**
09:35	**Normocapnia achieved at domiciliary NIV setup relates to long-term benefits in patients with COPD** Andras Bikov (Manchester, United Kingdom), Balazs Csoma, Zsofia Lazar, Andrew Bentley	**OA3379**
09:40	**Transcutaneous carbon dioxide monitoring compared to arterial blood gas analysis in acute hypercapnic respiratory failure, Interim analysis of the multicenter randomized control ReACT CO2 study** Alistair Morris (Nottingham, United Kingdom), Demi Wright, Cat Goodin, Sriram Iyer, Syeda Nafisa, Stephen Bourke, Swapna Mandal, Rebecca Burney, Milind Sovani	**OA3380**
09:45	**Using machine learning to identify patient-ventilator asynchrony during non-invasive ventilation in Amyotrophic Lateral Sclerosis/Motor Neuron Disease** David J. Berlowitz (Melbourne, Australia), Joel Yang, Anthony Stell, Chengwang Wang, Ernesto Caparo, Anna Ridgers, Nicole L. Sheers, Liam M. Hannan, Ling Luo, Mark E. Howard, Uwe Aickelin	**OA3381**
09:50	**Standard stepwise compared to accelerated weaning from NIV in ECOPD directed by the NIV outcomes score: a randomised controlled trial.** Muhammad Hashim Naseer (Newcastle Upon Tyne, United Kingdom), Karen Brewin, Rachel Arries, Nicholas Lane, Alys Scadding, Dipansu Ghosh, Benjamin Prudon, Milind Sovani, Tom Hartley, Eduwin Pakpahan, Joanne Gray, Stephen McCarthy, Stephen Christopher Bourke	**OA3382**
09:55	**Patterns, benefits and barriers of Telemonitoring in Home Mechanical ventilation and Positive Airway Pressure therapy: results from the ERS CRC IMPORTANCE Clinician survey** Claudia Crimi (Catania (CT), Italy), Dries Testelmans, Jacek Nasiłowski, Carla Ribeiro, Ana Filipa Machado, Rebecca D'Cruz, Raphael Heinzer, Maxime Patout, Winfried Randerath, Sofia Schiza, Manuel Sanchez-de-la-Torre, Marieke Duiverman, Esther Schwarz	**OA3383**
10:00	**Tachypnoea and auto-triggering semiology: a bench study** Mitela Tafa (Varese, Italy), Maria Lucia Arango-Cortes, Giulia Maria Stella, Alexis Mendoza-Ruiz, Jesus Gonzalez-Bermejo	**OA3384**
10:05	**TcCO2 monitoring Versus Arterial CO2 during acute NIV in Acute Hypercapnic Respiratory Failure :A Systematic Review** Syeda Nafisa (Nottingham, United Kingdom), Morris Gordon, Mohammad Miah, Milind Sovani	**OA3385**
10:10	**Comparison of immediate withdrawal and stepwise reduction in duration of non-invasive ventilation in chronic obstructive pulmonary disease patients presenting with acute hypercapnic respiratory failure (WEAN-NIV STUDY)** Swetabh Purohit (Jodhpur (Rajasthan), India), Varsha Joshee	**OA3386**
10:15	**Discussion and Q&A** All speakers	**OA3387**

3H Session 307 09:30 - 10:45

Oral presentation: Paediatric asthma: scientific highlights and important novel data

Disease(s) : Airway diseases

Method(s) : Public health Pulmonary function testing Epidemiology General respiratory patient care Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Manuel Soto Martínez (San José, Costa Rica), Beatrice Andrenacci (Milan, Italy)

09:30	**Late Breaking Abstract - Nirsevimab and Risk of Hospitalization for Wheezing in Early Childhood: A Nationwide French Health Claims–Based Cohort Study** Philippe Reix (Bron, France), Zaba Valtuille, Hortense Petat, Flore Amat, Yves Gillet, Léa Lethuillier, Lisa Perez, Manon Blehassen, Naim Ouldali	**OA3388**
09:35	**Association Between Electronic Cigarette Use and Respiratory Outcomes in Children and Adolescents** Alireza Eshghi (Tehran, Islamic Republic of Iran)	**OA3389**
09:40	**Lower airway immunophenotyping in recurrent severe preschool wheeze reveals clusters distinguished by infection and neutrophil phenotype** Katie Bonner (London, United Kingdom), Sara Fontanella, Mindy Gore, James Cook, Ashley Hoffland, Elizabeth Scotney, Kunyuan Tian, Andrew Bush, Adnan Custovic, Clare Lloyd, Sejal Saglani	**OA3390**
09:45	**The SMART way: Comparision of efficacy of inhaled formoterol and budesonide combination versus budesonide monotherapy in children aged 6 to 18 years with bronchial asthma in improving disease control and quality of life- a randomised control trial** Khushboo Taneja (Rishikesh, Uttarakhand, India), Meenu Singh, Lokesh Tiwari, Mansingh Parihar	**OA3391**
09:50	**Performance of the 2021 ERS diagnostic algorithm for school-age asthma** Mari Sasaki (Bern, Switzerland), Myrofora Goutaki, Carmen CM. de Jong, Alexander Moeller, Jakob Usemann, Nicolas Regamey, Claudia E. Kuehni	**OA3392**
09:55	**Win ratio analysis of dupilumab achieving on treatment clinical remission in children with moderate-to-severe type 2 asthma** Sharon Dell (Vancouver, Canada), Theresa W. Guilbert, Monika Gappa, Changming Xia, Olivier Ledanois, Marissa Shams, Leonard B. Bacharier	**OA3393**
10:00	**The gut-lung axis in wheezing preschool children** Michiel Bannier (Maastricht, Netherlands), Mostafa Hassanein, Moniek van Aarle, Jan Damoiseaux, Djoke van Gosliga, Alba Wolters, Elin Kersten, Alex Mommers, Danielle Pachen, Quirijn Jöbsis, Agnieszka Smolinska, John Penders, Peter Merkus, Gerard Koppelman, Edward Dompeling, Niels van Best	**OA3394**
10:05	**Association between lung function and asthma control in children with moderate-to-severe type 2 inflammatory asthma: A post hoc analysis of VOYAGE** Leonard Bacharier (Nashville, United States), Inés de Mir-Messa, Giorgio Piacentini, Eckard Hamelmann, Jérôme Msihid, Joe Yang, Anne-Laure Tardy, Olivier Ledanois, Rebecca Gall, Sharon Dell	**OA3395**
10:10	**Infant-onset persistent wheeze and atopy trajectories are linked to the poorest respiratory outcomes at age 25 years but are predictable from early life** N. Sabrina Idrose (Melbourne, Australia), Caroline Lodge, Adrian Lowe, Don Vicendese, Jennifer Perret, Cecilie Svanes, Catherine Bennett, E. Haydn Walters, Danielle Wurzel, Anne Chang, Michael Abramson, Dinh Bui, Shyamali Dharmage	**OA3396**
10:15	**Body Mass Index-trajectories in early life are linked to lung function decline and low symptom control in pediatric asthma** Tobias Trojan (Köln, Germany), Alexander Hose, Tim Weinberg, Lena Keufgens, Jan Christoph Thomassen, Matthias Kopp, Mustafa Abdo, Anna-Maria Dittrich, Folke Brinkmann, Gesine Hansen, Bianca Schaub, Erika von Mutius, Markus Ege, Markus Weckmann, Ernst Rietschel, Silke van Koningsbruggen-Rietschel, Miguel Alejandre Alcázar	**OA3397**
10:20	**Discussion and Q&A** All speakers	**OA3398**

3I Session 308 09:30 - 10:45

Oral presentation: Pathophysiology, trends and tobacco-cessation strategies

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology Imaging Pulmonary function testing

Tag(s) : Clinical, Translational , Prevention

Chairs : Paraskevi Katsaounou (Athens, Greece), Andreas M. Matthaiou (Athens, Greece)

09:30	**Late Breaking Abstract - Helping users of electronic and heated tobacco products (TP) to quit effectively and safely: Real World data from "Evaggelismos" Smoking Cessation Clinic (ESCC)** Nikolaos Athanasiou (Athens, Greece), Vasiliki Petta, Georgios-Ioannis Poupouzas, Maria Katsoulotou, Vasiliki Ntoumou, Aliki Korkontzelou, Alexander Osarogue, Paraskevi Katsaounou	**OA3399**
09:35	**Maternal preconception e-nicotine exposure is associated with airway remodeling and progenitor cell loss in Drosophila melanogaster offspring** Leizhi Shi (Borstel, Germany), Qiaoyan Tan, Fan Xu, Daniel Meißner, Sandra Uzenabor, Klaus F. Rabe, Thomas Roeder, Susanne Krauss-Etschmann	**OA3400**
09:40	**What does Dr. AI suggest? An evaluation of large language models for smoking cessation recommendations** M. Hashim Khan (Toronto, Canada), Aaron Dou, Nikki Breede, Mohammad Hashim Khan	**OA3401**
09:45	**Cardiovascular risk in individuals with preserved ratio impaired spirometry (PRISm): a bayesian meta-analysis.** Edoardo Pirera (Palermo, Italy), Domenico Di Raimondo, Mario Daidone, Stefania Scaglione, Antonino Tuttolomondo, Chris Gale	**OA3402**
09:50	**The Relationship of Smoking with current and future loneliness in 15 countries using data from the Survey of Health and Ageing in Europe (SHARE)** Keir E. J. Philip (London, United Kingdom), Filippos T. Filippidis, Michael I. Polkey, Daisy Fancourt, Feifei Bu, Parris J. Williams, Charis Girvalaki, Cornel Radu-Loghin, Raffaele Palladino, Nicholas S. Hopkinson	**OA3403**
09:55	**UCHL1 Promotes Bronchial Epithelial Ferroptosis and Contributes to Cigarette Smoke–Induced COPD** Hong Chen (Chongqing, China), Yawan Zi, Huilin Yu, Ke Liao, Yuezhou Zhang, Shengxin Fan, Zhengyu Li	**OA3404**
10:00	**Longitudinal trends in current smoking rates in an occupational WTC cohort** Rafael E. de la Hoz (New York, United States), Zitong Zhang, John T. Doucette, Yelena Globina, Malika Garg, James C. Ross, Jonathan Weber, Juan C. Celedón	**OA3405**
10:05	**Smoking abstinence in a mixed face-to-face and telemedicine cessation programme: a retrospective observational study** Noor Gianchandani (tenerife, Spain), María Auxiliadora González de Ara Jiménez, Juan Marco Figueira Gonçalves, Lina Pérez Méndez, Manuel Enrique Ferrer Fuentes, Ruth Pitti Pérez	**OA3406**
10:10	**Evaluation of Point-of-Sale Employees' Knowledge, Attitudes, and Supervision Experiences Using a Shadow Monitoring Approach** Elif Dagli (Istanbul, Türkiye), Ummuhan Pece Sonmez, Murat Güner, Pınar Ay, Osman Elbek, Fusun Yildiz, Tanzer Gezer	**OA3407**
10:15	**Breaking the silence on youth vaping: improving conversations with young people in pediatric emergency care. A quality improvement project.** Zoe Bothamley (London, United Kingdom)	**OA3408**
10:20	**Discussion and Q&A** All speakers	**OA3409**

3J Session 309 09:30 - 10:45

Oral presentation: Best abstracts in respiratory physiotherapy

Disease(s) : Respiratory critical care | Airway diseases | Interstitial lung diseases

Method(s) : Pulmonary rehabilitation | Epidemiology | General respiratory patient care

Tag(s) : Clinical

Chairs : Tristan Bonnevie (Saint Léger Du Bourg Denis, France), Lindsay Zurba (Durban, South Africa)

09:30	**Late Breaking Abstract - Home-based pulmonary rehabilitation targeting patients with moderate to very severe COPD unable to attend center-based programs, a randomized controlled equivalence and superiority trial.** Christina Nielsen (Hvidovre, Denmark), Stig Molsted, Charlotte Ulrik, Thomas Kallemose, Nina Godtfredsen, Henrik Hansen	**OA3410**
09:35	**Home-based pulmonary rehabilitation early after hospitalisation in COPD: A randomised controlled trial** Narelle Cox (Melbourne (VIC), Australia), Anthony May, Angela Burge, Graham Hepworth, Christine McDonald, Paul O'Halloran, Ajay Mahal, Janet Bondarenko, Lissa Spencer, Renae McNamara, Hayley Crute, Samantha Gavin, Joanna Melinz, Sarah Rawlings, Melissa Elliott, Anne Holland	**OA3411**

09:40	**Mind the gap: A systematic review of incomplete reporting and limited use of training principles in COPD aerobic interventions** Johan Jakobsson (Umeå, Sweden), Anouk Stoffels, Eline bij de Vaate, Chris Burtin, Jana De Brandt, Erik Frykholm, Felix Girard, Nicoletta Morelli, Alex van't Hul, Hieronymus W. H. van Hees, André Nyberg, Peter Klein	**OA3412**
09:45	**Effectiveness of Resistance Intradialytic Exercise Compared to Aerobic Intradialytic Exercise for Patients with Chronic Kidney Disease: A Randomized Controlled Clinical Trial** Luciana Chiavegato (São Paulo (SP), Brazil), Klebson A. Almeida, Gisela C. Miyamoto, Daniel C Torres, Ian S.R. Chaves, Jonas do C. Paschoalin, Braúlio L. Nascimento	**OA3413**
09:50	**Muscle Ultrasound Cut-offs for Predicting Functional Limitation in COPD: A Validation Study** Luis Felipe Da Fonseca Reis (Rio De Janeiro (RJ), Brazil), Lauro dos Santos Fernandes, Arthur de Sá Ferreira, Agnaldo José Lopes	**OA3414**
09:55	**Telemonitoring for Chronic Respiratory Patients on Long-Term Oxygen Therapy: an RCT** Elinny Raissa M. Reis (São Paulo, Brazil), Gabriela M. Alencar, Amanda M. Schneider, Juliana M. B. Santos, Regina M. Carvalho Pinto, Bruno G. Baldi, Celso R.F.Carvalho	**OA3415**
10:00	**Enhancing muscle function to limit physical activity decline after an AECOPD: a 1 year multicentre RCT** Marieke Wuyts (Leuven, Belgium), Fien Hermans, Eva Arents, Astrid Blondeel, Sofie Breuls, Nina Cardinaels, Nikolaas De Maeyer, Stephanie Everaerts, Eric Derom, Wim Janssens, Thierry Troosters, Heleen Demeyer	**OA3416**
10:05	**Low-intensity blood flow restriction training yields comparable functional capacity and quality of life outcomes in COPD: preliminary results from an ongoing RCT** Magno F Formiga (Fortaleza, CE, Brazil), Andressa Rodrigues de Souza, Matheus de Castro Sales, Melissa de Queiroz Carvalho, Taynara Rodrigues Ramos França, Maria da Penha Uchoa Sales, Cyntia Maria Sampaio Viana, Rafael Barreto Mesquita	**OA3417**
10:10	**Normal yet significantly reduced: predicted pulmonary function and VO_2 in Cardiac vs. Indeterminate Chagas disease.** Clara Pinto Diniz (Rio De Janeiro (RJ), Brazil), Mayara Oliveira Gomes Santana, Erick Eduardo da Silva Pereira, Thomas Schmidt, Mauro Felippe Felix Mediano, Andréa Silvestre de Sousa, Flavia Mazzoli-Rocha	**OA3418**
10:15	**Impact of Noninvasive Ventilation Use and Disease Progression Rate on Survival in ALS: Results from a Three-Year Longitudinal Study** Guilherme Fregonezi (Natal, Brazil), Lariza Costa, Vanessa Regiane Resqueti, Jéssica Fonseca, Ana Cristina Maciel, Rayane Vieira, Wesley Meneses, Edna Karla Laurentino, Roberto Vera-Uribe, Matias Otto Yañez, Rodrigo Torres-Castro, Mário Emílio	**OA3419**
10:20	**Discussion and Q&A** All speakers	**OA3420**

3K Session 310 09:30 - 10:45

Oral presentation: Advances in sarcoidosis research: from molecular signatures to clinical outcomes

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Imaging General respiratory patient care Pulmonary function testing Cell and molecular biology Epidemiology Public health

Tag(s) : Clinical, Translational

Chairs : Ogugua Ndili Obi (Greenville, United States), Paolo Spagnolo (Padova (PD), Italy)

09:30	**Late Breaking Abstract - Pulmonary fibrosis and progressive pulmonary fibrosis (PPF) in sarcoidosis: Epidemiology and survival over a 10-Year follow-up** Andy Eyre (Kfar Saba, Israel), Gali Epstein Shochet, Lior Eldar, David Shitrit	**OA3421**
09:35	**Functional trajectory modeling identifies high-risk patients in obstructive sarcoidosis: an international cohort study** Kinan El Husseini (Paris, France), Fabiola Murgolo, Marie-Pierre Debray, Giovanni Franco, Samuele Promi, Fabrizio Luppi, Donato Lacedonia, Maria-Lisa Baccalieri, Simone Petrarulo, Claudia Ravaglia, Venerino Poletti, Alice Guyard, Catherine Bancal, Mathilde Le Brun, Pierre Le Guen, Camille Taillé, Raphaël Borie, Bruno Crestani	**OA3422**

09:40	**Baseline forced vital capacity and disease duration associate with treatment response in pulmonary sarcoidosis** Vivienne Kahlmann (Rotterdam, Netherlands), Victoria C. S. Bogaard, Catharina C. Moor, Rémy L. M. Mostard, Linda A. A. Moonen, Marieke J. Overbeek, Marcel Veltkamp, Marlies S. Wijsenbeek, Jelle R. Miedema	**OA3423**
09:45	**A multi-organ spatial transcriptomics atlas exposes stratified granuloma architecture and pathogenic cellular programs in sarcoidosis** Jannik Ruwisch (Hannover, Germany), Leonard Christian, Stephan Traidl, Jana Dietrich, Jan-Christopher Kamp, Janis Casper, Leon Giercke, Benjamin Seeliger, Fabio Ius, Niklas W. Jahn, Mark Greer, Christopher Werlein, Merle Kaiser, Svenja Gaedcke, Jens Gottlieb, Marius M. Hoeper, Aurelien Justet, Graalmann Theresa, Christine Falk, Marianne Ziol, Nathalie Ganne-Carrié, Yang Li, Jan-Hinrich Bräsen, Sarah A. Teichmann, Florence Jeny, Naftali Kaminski, Kai Schmidt-Ott, Vivien Schacht, Matthias Schefzyk, Danny Jonigk, Lavinia Neubert, Jonas C. Schupp	**OA3424**
09:50	**Serum extracellular vesicle-derived microRNAs reveal dysregulated pathways in pulmonary sarcoidosis** Anne-Noëlle Frix (Liege, Belgium), Monique Henket, Sébastien Cremers, Joey Schyns, Hadrien Gillet, Clio Ribbens, Renaud Louis, Makon-Sébastien Njock, Julien Guiot	**OA3425**
09:55	**Online home monitoring of symptoms in patients with sarcoidosis using visual analogue scales: an analysis of the PREDMETH trial** Catharina C. Moor (Rotterdam, Netherlands), Donald Simon, Vivienne Kahlmann, Remy. L.M. Mostard, H.n.a.j. van Rijswijk, Jan van der Maten, Emiel R. Marges, Marcel Veltkamp, Marlies S. Wijsenbeek	**OA3426**
10:00	**Imaging Features of Chronic Beryllium Disease and Sarcoidosis with and without Metal Exposure** Louis Jouanjan (Freiburg, Germany), Louis Jouanjan, Prerana Agarwal, Charlott Terschluse, Martin Feineis, Emil Wachenfeld, Daniel Soriano, Gernot Zissel, Eleni Papakonstantinou, Daiana Stolz, Björn C. Frye	**OA3427**
10:05	**The role of multidisciplinary approach in the diagnosis of cardiac sarcoidosis** Vasileios Kouranos (London, United Kingdom), Ana Pericao, Rajdeep Khattar, John Baksi, Kshama Wechalekar, Rakesh Sharma, Athol Wells	**OA3428**
10:10	**Distinct Immunophenotypes of Sarcoidosis: Is There Any Clinical Value?** Anna Goljan Geremek (Warszawa, Poland), Patrycja Nejman Gryz, Julia Rutkowska, Elzbieta Puscinska, Agnieszka Kolodzinska, Malgorzata Kobylecka, Joanna Zuchowska, Rafal Krenke	**OA3429**
10:15	**REmission in pulmonary Sarcoidosis using Early Treatment with TNF-alpha inhibitors (RESET-TNF study)** Marcel Veltkamp (De Meern, Netherlands), Montse Janssen Bonás, Jelle Miedema, Remy Mostard, Bas Peters, Joris Gresnigt, Mayka Overgaauw, Marlies Wijsenbeek-Lourens	**OA3430**
10:20	**Discussion and Q&A** All speakers	**OA3431**

1A Session 311 10:15 - 11:45

Clinical cases: Lungs on fire: Pulmonary vascular diseases

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Pulmonary vascular diseases

Tag(s) : Clinical

Chairs : Laurent Godinas (Leuven, Belgium), Joanna Pepke-Zaba (Cambridge, United Kingdom), Harm Jan Bogaard (Amsterdam, Netherlands)

Discussants : Luis Jara-Palomares (Sevilla, Spain), Silvia Ulrich (Zurich, Switzerland)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: L. Khalaili (Israel)** Silvia Ulrich (Zurich, Switzerland)	**3432**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: S. Miliauskas (Lithuania)** Luis Jara-Palomares (Sevilla, Spain)	**3433**
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: C. Forward (Ireland)** Silvia Ulrich (Zurich, Switzerland)	**3434**

11:21	**Case 4 incl. panel discussion and Q&A - Submitter: Z. Diakonikolaou (Greece)** Luis Jara-Palomares (Sevilla, Spain)	**3435**

3L Session 312 10:15 - 11:45

State of the art session: Sleep and breathing disorders

From cause to treatment: obstructive sleep apnoea as a driver of hypertension and a target for prevention

Aims : To discuss the pathophysiological mechanisms linking obstructive sleep apnoea (OSA) and arterial hypertension; to present recent evidence on integrated therapeutic approaches, including continuous positive airway pressure, pharmacological strategies and predictive models; to explore clinical and molecular biomarkers for cardiovascular risk stratification in patients with OSA and hypertension.

Disease(s) : Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Public health

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational)

Chairs : Winfried J. Randerath (Solingen, Germany), Matteo SICILIANO (Roma, Italy), Sophia E. Schiza (Heraklion, Greece)

10:15	**Intermittent hypoxemia, sympathetic overdrive and vascular dysfunction: the pathophysiological link between OSA and hypertension** Esther Irene Schwarz (Zürich, Switzerland)	**3436**
10:30	**Beyond CPAP: Comparative effectiveness of OSA therapies for blood pressure control** Peter Cistulli (St Leonards, Australia)	**3437**
10:45	**Biomarkers and risk models: towards personalised treatment for hypertension in OSA** Silke Ryan (Dublin, Ireland)	**3438**
11:00	**Phenotyping hypertensive patients with OSA: who benefits most from targeted interventions?** Jean-Louis Pépin (Grenoble, France)	**3439**
11:15	**Discussion and Q&A** All speakers	**3440**

3B Session 313 10:15 - 11:45

Hot topics: Malignant pleural effusion: cutting time not corners for patient-centred care

Aims : To explain how to put the patient experience at the centre of care by highlighting the benefits of shared decision-making, quality-of-life metrics and co-created care pathways; to present evidence-based strategies for rapid diagnosis and symptom control in malignant pleural effusion (MPE); to describe accelerated diagnostic pathways with streamlined workflows that reduce delays in identifying MPE; to explain advanced outpatient and minimally invasive management with ambulatory interventions like indwelling pleural catheters and day-case pleurodesis; to match prognostic tools to clinical decision-making needs to streamline resource use and strengthen patient outcomes.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology Imaging Surgery

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Pathologist, Patient, Physician in Pulmonary Training, Radiologist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Rachelle Asciak (SIGGIEWI, Malta), Najib M. Rahman (Oxford, United Kingdom), Didier Schneiter (Zürich, Switzerland)

10:15	**From suspicion to diagnosis in hours: imaging, cytology and molecular tools that truly deliver** Vasiliki Panou (Odense, Denmark)	**3441**
10:30	**Indwelling pleural catheter versus surgical pleurodesis: findings of the AMPLE 3 trial** Y C Gary Lee (Perth (WA), Australia)	**3442**
10:45	**The “three Ps” approach in MPE: predict, personalise, proceed** Dinesh Addala (Oxford, United Kingdom)	**3443**
11:00	**Breathless but not powerless: co-creating palliative care pathways with patients facing MPE** Eric Daniel Tenda (Jakarta, Indonesia)	**3444**
11:15	**Discussion and Q&A** All speakers	**3445**

3C Session 314 10:15 - 11:45

Symposium: Identifying and acting on unmet needs in the management of children and young people with asthma

Aims : To provide an update on important areas of paediatric asthma, including diagnosis, phenotyping and targeted treatment, that relate to everyday problems in asthma clinics for children and young people (CYP); to provide clinicians involved in paediatric asthma care in any setting with important updates on the management of CYP with asthma.

Disease(s) : Airway diseases | Paediatric respiratory diseases

Method(s) : Epidemiology | General respiratory patient care | Physiology

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : Erol Gaillard (Leicester, United Kingdom), Sara Cuevas Ocaña (Cambridge, United Kingdom), Raffaella Nenna (Rome, Italy)

10:15	**Small airways disease in asthma: is it a treatable trait?** Laura Graciela Gochicoa Rangel (Ciudad de México, Mexico)	**3446**
10:30	**Can asthma remission in children and adolescents be promoted by allergen-specific immunotherapy or biologic therapy?** Daniel Jackson (Madison, United States)	**3447**
10:45	**Asthma disparities: genes to the perinatal and early-life determinants of asthma disparities** Angela Pinot de Moira (London, United Kingdom)	**3448**
11:00	**Shared decision-making for successful paediatric asthma care** Louise Fleming (London, United Kingdom)	**3449**
11:15	**Discussion and Q&A** All speakers	**3450**

3D Session 315 10:15 - 11:45

Mini symposium: Thoracic ultrasound: aligning science with patient priorities across disciplines

Aims : To discuss the use of thoracic ultrasound in different disciplines (thoracic oncology, infectious diseases, interstitial lung disease, intensive care) with a focus on how scientific evidence addresses patient priorities and how this can be improved in future research.

Disease(s) : Interstitial lung diseases | Respiratory infections | Thoracic oncology

Method(s) : Imaging | Respiratory intensive care

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Respiratory critical care physician, Physician in Pulmonary Training, Respiratory physiotherapist, Thoracic oncologist, Thoracic surgeon

Chairs : Marjolein A. Heuvelmans (Amsterdam, Netherlands), Elżbieta Magdalena Grabczak (Warszawa, Poland), Rebecca Mura (Vienna, Austria)

10:15	**Patient testimony** Stefano Pavanello (Rovigo (RO), Italy)	**3451**
10:20	**Ultrasound-guided interventions in respiratory medicine: research evidence and patient perspectives** Maged Hassan (Alexandria, Egypt)	**3452**
10:30	**Ultrasound in interstitial lung disease: a promising tool to improve the patient journey** Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina)	**3453**
10:50	**Ultrasound-guided management of invasive and non-invasive ventilation** Silvia Mongodi (Novara, Italy)	**3454**
11:00	**Discussion and Q&A** All speakers	**6814**

3E Session 316 10:15 - 11:45

Journal session: Highlights from JAMA

Aims : To provide information about new diagnostic approaches for COPD; provide evidence from the Stapokibart for Severe Uncontrolled Chronic Rhinosinusitis With Nasal Polyps (CROWN-2) randomised controlled trial; to provide information about a patient-directed approach to lung cancer screening.

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Epidemiology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Respiratory critical care physician, Physician in Pulmonary Training

Chairs : Kristin Walter (Chicago, United States), Ioannis Vogiatzis (Blyth, United Kingdom), Lisa Jane Brighton (London, United Kingdom)

10:15	**Introduction** Kristin Walter (Chicago, United States)	**3455**
10:20	**A multidimensional diagnostic approach for COPD** Surya Bhatt (Birmingham, United States)	**3456**
10:35	**Stapokibart for severe uncontrolled chronic rhinosinusitis with nasal polyps** Shen Shen (Beijing, China)	**3457**
10:50	**A direct-to-patient digital health programme for lung cancer screening** David Miller (Winston-Salem, United States)	**3458**
11:05	**Discussion and Q&A** All speakers	**3459**

3F Session 317 10:15 - 11:45

Symposium: Epigenetics in lung disease to inform patient risk and benefit

From mechanisms and trajectories to precision data and lung therapies

Aims : To describe the main epigenetic mechanisms and their roles in the pathological processes driving chronic obstructive, fibrosing and malignant lung diseases; to describe how environmental exposure (e.g. smoking, pollution, occupational hazards, climate change) reshape the lung epigenome and contribute to disease risk, progression and opportunities for prevention across the life course; to link epigenetic mechanisms involved in lung pathology to translational applications, including biomarker development and patient stratification; to discuss emerging therapeutic strategies targeting epigenetic pathways and their potential integration into clinical care.

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology Epidemiology

Tag(s) : Translational , Basic science, Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Pathologist, Scientist (basic, translational)

Chairs : Theodore Kapellos (Munich, Germany), Didier Cataldo (Liege, Belgium)

10:15	**Epigenetics and the archive of the human exposome** Erik Melén (Stockholm, Sweden)	**3460**
10:30	**Epigenetic endotypes across the life course and the human lung trajectome** Sandra Casas Recasens (Barcelona, Spain)	**3461**
10:45	**Epigenetic promise for precision pulmonary medicine: big data and artificial intelligence to inform patient risk** Dawn DeMeo (Boston, United States)	**3462**
11:00	**From epigenetic mechanisms to patient benefits in respiratory care** Renata Jurkowska (Cardiff (Wales), United Kingdom)	**3463**
11:15	**Discussion and Q&A** All speakers	**3464**

Studio Session 318 10:15 - 11:00

Experts interview: Emerging viral threats: lessons from the Andes Hantavirus and Ebola outbreaks

Aims : to understand the clinical and public health challenges posed by emerging high-consequence viral pathogens, including severe viral infection and viral sepsis; to explore lessons from recent Andes Hantavirus and Ebola outbreaks, with a focus on diagnostic preparedness, early recognition, timely communication, and coordinated crisis management; to examine how surveillance, research, and international collaboration can strengthen preparedness and response to unexpected outbreaks and unusual transmission events; to identify key strategies for improving clinical management and respiratory care during high-consequence viral outbreaks, from early diagnosis through multidisciplinary and cross-border coordination.

Chairs : Raquel Duarte (Porto, Portugal), João Carlos Winck (Vila Nova de Gaia, Portugal), Alberto Garcia-Basteiro (Maputo, Mozambique)

10:15	**Andes Hantavirus: when a rare zoonosis becomes a global concern** Tamas Bakonyi (Stockholm, Sweden)	**3465**
10:30	**Ebola returns: are we better prepared for the next high-consequence outbreak?** Bin Cao (Beijing, China)	**3466**
10:45	**Discussion and Q&A** All speakers	**3467**

3G Session 321 11:00 - 12:15

Oral presentation: Asthma decoded

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology Physiology

Tag(s) : Clinical, Translational

Chairs : Pavol Pobeha (Košice, Slovakia), Obianuju Beatrice Ozoh (Lagos, Nigeria)

11:00	**Late Breaking Abstract - Investigating the inflammatory profile of exacerbations in patients with severe asthma receiving tezepelumab: the phase IV TezEx study** Faizan Haris (London, United Kingdom), Francesca Cefaloni, Jessica Gates, Paniz Khooshemehri, Ajerico Del Rosario, Alicia P Valles, Ellie Woods, Varsha Kanabar, Edward Scourfield, Grainne D'Ancona, Jaideep Dhariwal, Alexandra M. Nanzer, David J Jackson	**OA3474**
11:05	**A three-level classification of T2 markers in a general adult asthma population** Selin Ercan (Gothenburg, Sweden), Saliha Selin Özuygur Ermis, Lauri Lehtimäki, Reshed Abohalaka, Pinja Ilmarinen, Teet Pullerits, Helena Backman, Madeleine Rådinger, Bright I. Nwaru, Hannu Kankaanranta	**OA3475**
11:10	**The Role of the Lung Microbiome in Asthma and its impact on treatment response** Margaret Gleeson (Dublin, Ireland), Padraic Ridge, Christina Cambpell, Patrick Kerr, Ciara Ottewill, Dorothy Ryan, Daniel Ryan, Deirdre Long, Elaine Mac Hale, Richard Costello, Leopoldo Segal, Breda Cushen, Imran Sulaiman	**OA3476**
11:15	**Nocturnal Cough is associated with Worsening of Asthma Symptoms: a Pilot Study with the Albus Home Contactless Sleep Monitoring Device** Fleur L. Meulmeester (Leiden, Netherlands), Estelle Bouter, Lianne ten Have, Anneke ten Brinke, Kim de Jong, Karin B. Fieten, Jacob K. Sont	**OA3477**
11:20	**LSC - 2026 - Integrative multiomics analysis of nasal brushes illuminates systemic alterations of asthma-related genes** Tatiana Karp (Groningen, Netherlands), Andy Lan, Tessa E. Gillett, Alen Faiz, Huib A. M. Kerstjens, Martijn C. Nawijn, Alessio Piraino, Monica Kraft, Bianca Beghè, Klaus F Rabe, Alberto Papi, Chris Brightling, Dave Singh, Janwillem H. Kocks, Salman Siddiqui, Maarten Van Den Berge, Victor Guryev	**OA3478**
11:25	**Body mass index, type-2 inflammation and asthma attack risk in the ORACLE2 patient-level meta-analysis: a U-shaped relationship** Sebastian Riemann (Ghent, Belgium), Fleur Meulmeester, Samuel Mailhot-Larouche, Michael E. Wechsler, Sarah E. Diver, Christopher E. Brightling, Mario Castro, Nicola A. Hanania, David J. Jackson, Neil Martin, Alison Moore, Rebecca Gall, Megan E. Hardin, Cecile T.J. Holweg, Vennila Dharman, Richard W. Beasley, Jacob K. Sont, Ewout W. Steyerberg, Ian D. Pavord, Guy Brusselle, Simon Couillard	**OA3479**
11:30	**Identification of Eosinophilic Asthma Phenotypes Based on Clinical and Pathophysiologic Data in C-BIOPRED Asthma Cohort: Association with Sputum Proteomics** QingLing Zhang (Guangzhou, China), Mingkai Huang, Xuliang Cai, Zhenan Deng	**OA3480**
11:35	**Determining the effectiveness of an online FeNO-guided asthma management intervention in primary care (DEFINE): a pragmatic randomised controlled trial** Kay Wang (Southampton, United Kingdom), Taeko Becque, Ruth Thornton, Bernadette Mundy, Louise Jones, Stephanie Robinson, Matthew Allwood, Andrew Fairbairn, Matthew Martin, Beth Stuart, Nick Francis, Dominick Shaw, Ian Pavord, Mike Thomas	**OA3481**
11:40	**A machine learning model integrating dynamic biomarkers and environmental exposure for predicting future exacerbation risk in mild asthma: a prospective cohort study** Rui Zuo (Beijing, China), Xiaohan Xu, Xinzhuo Xie, Chun Chang	**OA3482**

11:45	**Asthma exacerbations during pregnancy: risk factors and impact on birth outcomes in a real-world cohort.** Joe Zein (Scottsdale, United States), Shiwani Keswani, Gerry Fernandez, Maria Kyriakidou, Eugene Bleecker, Christopher Grilli, Mark Hourani, Deborah Meyers, Lacey Nixon, Victor Ortega, David Upjohn, Patricia Silveyra	**OA3483**
11:50	**Discussion and Q&A** All speakers	**OA3484**

3H Session 322 11:00 - 12:15

Oral presentation: Nursing practice that shapes care

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation Public health

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Liliana Silva (Matosinhos, Portugal), Karen Heslop-Marshall (Newcastle upon Tyne (Tyne and Wear), United Kingdom)

11:00	**Effect of pursed-lip breathing and laughter therapy on dyspnea, health status and care dependency in individuals with chronic obstructive pulmonary disease: a randomized controlled trial** Goncagul Aldan (Ankara, Türkiye), Leyla Ozdemir, Hatice Kilic, Aysegül Karalezli	**OA3485**
11:05	**Evaluation of a digital self-management system and its effects on medication adherence** Jenny Nilsson (Umeå, Sweden), Caroline Stridsman, Henrik Ljungberg, Björn Nordlund	**OA3486**
11:10	**Real-World Outcomes of BreathTec: A Digital Self-Management Programme for Chronic Respiratory Disease.** Karen Heslop-Marshall (Newcastle upon Tyne (Tyne and Wear), United Kingdom), Matthew Armstrong	**OA3487**
11:15	**Associations of disease impact, psychological distress and quality of Life in COPD. Results of a randomised controlled trial of a brief nurse-led cognitive behavioural therapy (CBT) based intervention compared to self-help leaflets.** Karen Heslop-Marshall (Newcastle upon Tyne (Tyne and Wear), United Kingdom), Joanne Gray, Anthony De Soyza	**OA3488**
11:20	**Exploring dietary intake in bronchiectasis care: Is there a link to systemic inflammation and quality of life?** Leticia Bueno Freire (Madrid, Spain), Patricia Oscanoa, Ana María Ruiz-León, Anna Motos, Sara Castro-Barquero, Blanca Llonch, Nestor Soler, Guillem Macip, Miquel Ferrer, Rosa Casas, Ramón Estruch, Laia Fernández-Barat, Antoni Torres	**OA3489**
11:25	**Vaccine counselling in nursing homes: a multicomponent proactive strategy to increase pneumococcal vaccination uptake** Federica Riva-Rovedda (Turin, Italy), Marco Clari, Gema Li Zaldívar García, Giulia Visentin	**OA3490**
11:30	**Understanding COPD-related anxiety: Experiences of patients, caregivers and healthcare professionals** Camilla Fischer Christiansen (Vejle, Denmark), Ingeborg Farver-Vestergaard, Anders Løkke	**OA3491**
11:35	**A theory-driven self-management digital intervention to promote physical activity in people living with COPD: Respir'air BPCO** Ricardo Salgado (Lausanne, Switzerland), Patrício Costa, Philippe Delmas, José Miguel Padilha	**OA3492**
11:40	**The labour of remote respiratory nursing: a theory of relational continuity, judgement and responsibility amid uncertainty** Carmine Ruggiero (Oxford, United Kingdom), Marion Waite, Louise Stayt	**OA3493**
11:45	**Discussion and Q&A** All speakers	**OA3494**

3I Session 323 11:00 - 12:15

Oral presentation: Peak performance: best abstracts in pulmonary rehabilitation and chronic care

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases

Method(s) : Pulmonary rehabilitation Epidemiology Physiology Public health General respiratory patient care

Tag(s) : Clinical

Chairs : Rachael A. Evans (Leicester (Leicestershire), United Kingdom), Sarah Houben-Wilke (Horn, Netherlands)

11:00	**Predictors of device-measured physical activity one year after COVID-19 hospitalisation** Lin Wang (Leicester, United Kingdom), Kimon Ntotsis, Daniel Lozano Rojas, Claire Lawson, Thomas Yates, Rachael Evans	**OA3495**
11:05	**STIMULATE-ICP: A pragmatic, multi-centre, cluster randomised trial of an integrated care pathway in individuals with Long COVID -on behalf of the STIMULATE ICP Consortium** Melissa Jane Heightman (London, United Kingdom), Amitava Banerjee, Gordon Prescott, Kim Horstmanshof, Emma Wall, Caroline Watkins	**OA3496**
11:10	**Effects of downhill walking in pulmonary rehabilitation for patients with idiopathic pulmonary fibrosis** Nisanur Tutus (İstanbul, Türkiye), Esra Pehlivan, Elif Yıldırım, İpek Ozmen	**OA3497**
11:15	**RCT Abstract - Offering choice of home or centre-based pulmonary rehabilitation to people with chronic obstructive pulmonary disease (HomeBase2): a cluster randomised controlled trial.** Anne Holland (Fitzroy North (VIC), Australia), Arwel Jones, Natasha Lannin, Narelle Cox, Graham Hepworth, Paul O'Halloran, Angela Burge, Ajay Mahal, Christine McDonald	**OA3498**
11:20	**Exploring intersectionality in pulmonary rehabilitation enrolment and completion in the UK** Holly Drover (Nottingham, United Kingdom), Lin Wang, Matthew Richardson, Jennifer Quint, Rachael Evans, Sally J Singh, Mark W Orme, Enya Daynes	**OA3499**
11:25	**Understanding and addressing inequalities in pulmonary rehabilitation for South Asian communities: a co-designed, culturally adapted approach** Amy Blakemore (Manchester (Greater Manchester), United Kingdom), Emma Victoria Shiel, Jahanara Miah, Tapan Chattopadhyay, Abdur Rauf, Christopher Dalton, Nusrat Husain	**OA3500**
11:30	**The effect of pulmonary rehabilitation on heart rate variability in patients with Chronic Obstructive Pulmonary Disease (COPD)** Maryam sadat Mirenayat (Tehran, Islamic Republic of Iran), Arezoo Mohammadifar, Masoumeh Zoghali, Mohsen Abedi, Reyhaneh Zahiri	**OA3501**
11:35	**Dissociation of muscle function and mass recovery after hospitalisation in COPD** George Mills (Leicester, United Kingdom), Cara Flynn, Omer Elneima, Iram Qureshi, Christopher Brightling, Hamish McAuley, Neil Greening	**OA3502**
11:40	**Non-pharmacological interventions for cognitive function in chronic obstructive pulmonary disease(COPD): a systematic review, network meta-analysis, and meta-regression** hongjuan Zhou (Hongkong, China), Doris Sau Fung Yu, Yulin Zhang, Charlie Hang Ip, Qing Zhao, Yinam Suen	**OA3503**
11:45	**Effect of dietary nitrate supplementation on daily physical activity and endothelial function in hypoxic COPD: the ON-PACE trial.** Alexis M Perkins (London, United Kingdom), Louise-Rae Cherrill, Ana Boschoff, Emanuela Falaschetti, Peter Fenwick, Enya Daynes, George Mills, Matthew J Pavitt, Zdenka Cipinova, Sarah L Elkin, Jane A Mitchell, Nicholas S Hopkinson	**OA3504**
11:50	**Discussion and Q&A** All speakers	**OA3505**

3J Session 324 11:00 - 12:15

Oral presentation: Advances in paediatric respiratory physiology and diagnostic testing

Disease(s) : Airway diseases

Method(s) : Imaging Pulmonary function testing Epidemiology Physiology

Tag(s) : Clinical

Chairs : Kelechi Ugonna (Hathersage (Derbyshire), United Kingdom), Diane Gray (Cape Town, South Africa)

11:00	**Late Breaking Abstract - Automated quality control in multiple-breath washout measurements is feasible, reproducible, and retains clinical properties** Silvio Borer (Bern, Switzerland), Carla Rebeca Da Silva Sena, Bettina Sarah Frauchiger, Tabitha Arn-Roth, Florian Wyler, Philipp Latzin	**OA3506**
11:05	**More structural lung abnormalities in young adults born prematurely in the post-surfactant era: results from an Australian birth cohort** Punitkumar Makani (Rotterdam, Netherlands), Elzanne Speksnijder, Merlijn Bonte, Pierluigi Ciet, Harm Tiddens, Elizabeth Smith, Shannon Simpson, Daan Caudri	**OA3507**

11:10	**A novel MRI-based tool for spatiotemporal mapping of airway collapse in bronchopulmonary dysplasia-associated tracheomalacia** Stephanie Adaikalam (Indianapolis, United States), Farhan Sadik, Rachel Surowiec, Nathan Ooms, Matthew Cooper, Uzay Emir	**OA3508**
11:15	**129Xe and 1H MRI detects functional and structural lung disease in children with suspected protracted bacterial bronchitis (PBB)** Jonathan Smith (Sheffield, United Kingdom), Nicki Barker, David Hughes, Lowri Thomas, Neil Stewart, Jim Wild, Laurie Smith, Kelechi Ugonna	**OA3509**
11:20	**Identifying phenotypes and treatable traits of prematurity-associated lung disease** Tiffany Bradshaw (Perth (WA), Australia), David Yabar, Shannon Simpson*, Sanja Stanojevic*	**OA3510**
11:25	**Assessment of Respiratory Function at Term-Equivalent Age in Preterm Infants Without Bronchopulmonary Dysplasia** Mirko Gambino (Erba, Italy), Simona Ferraro, Nicolò Garancini, Michele Ghezzi, irene erica palmieri, Andrea Dubini, Andrea Farolfi, Gian Vincenzo Zuccotti, Francesco Cavigioli, Enza D'Auria	**OA3511**
11:30	**Daycare attendance before 36 months of age and long-term respiratory health in survivors of very preterm birth** Patricia de Gouveia Belinelo (Perth (WA), Australia), Samantha A McLean, Tiffany K Bradshaw, Callan Lavery, Elizabeth F Smith, James TD Gibbons, Andrew C Wilson, Shannon J Simpson	**OA3512**
11:35	**Sensitivity of multiple breath washout, oscillometry and spirometry in children with bronchiectasis** Crystal Bourke (Nedlands, Australia), André Schultz, Craig Schofield, Kitty Obando, Julia Casella, Marina Kakuda Ng, Tabitha Cleary, Alana Harper, Elizabeth Smith, Peter Richmond, Anne Chang, Kathryn Ramsey	**OA3513**
11:40	**Air pollution and lung function growth in a longitudinal birth cohort** Olga Gorlanova (Basel, Switzerland), Malena Gwerder, Fabienne Decrue, Noëmi Künstle, Carla Rebeca da Silva Sena, Maria Giulia Conti, Jakob Usemann, Sven Schulzke, Benjamin Stoecklin, Florian Wyler, Sophie Yammine, Ruth Steinberg, Philipp Latzin, Benjamin Flückinger, Kees de Hoogh, Martin Röösli, Urs Frey	**OA3514**
11:45	**Contactless radar-based assessment of lung function and bronchodilator response in children** Patrick Stafler (Ra'anana, Israel), Naama Golan, Yonathan Eder, Safit Levy, Adi Wagerhoff, Yonatan Kvich, Lior Barbash, Meir Mei-Zahav, Ron Berant, Nir Helper, Dario Prais, Yo.C. Eldar	**OA3515**
11:50	**Discussion and Q&A** All speakers	**OA3516**

3K Session 325 11:00 - 12:15

Oral presentation: Moving forward in interstitial lung disease: new data on novel therapies

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Pulmonary function testing Endoscopy and interventional pulmonology

Tag(s) : Clinical, Translational

Chairs : Gautam George (Bryn Mawr, United States), Nazia Chaudhuri (Limavady, United Kingdom)

11:00	**Late Breaking Abstract - Selective TRPA-1 antagonist in patients with chronic cough and idiopathic pulmonary fibrosis: A phase IIa/IIb randomized, double-blind, placebo-controlled study (BI 1839100)** Marlies S. Wijsenbeek (Rotterdam, Netherlands), Jaclyn Smith, Ayodeji Adegunsoye, Luo Fengming, Steven D. Nathan, Yasuhiko Nishioka, Anna Podolanczuk, Christopher J. Ryerson, Ulrich Hirt, Mihaela Dumistracael, Ante Jelaska, Richard Vinisko, Nina Patel, Surinder S. Birring, Lorcan McGarvey, Philip Molyneaux	**OA3517**
11:05	**A phase 1 two-way drug interaction study of deupirfenidone (DPF) and nintedanib** Phil Molyneaux (London, United Kingdom), Phillip Molyneaux, David Golod, Camilla Graham, Varun Gard	**OA3518**
11:10	**The efficacy of gabapentin for chronic intractable cough in Interstitial Lung Disease – a single centre, open label, randomized controlled trial** Aneri Parekh (Ahmedabad, India), Sourin Bhuniya, Prasanta Mohapatra, Manoj Panigrahi, Shakti Bal, Mahismita Patro, Supantha De, Siddarth Singh, Nilava Banerjee	**OA3519**
11:15	**Nalbuphine extended-release for chronic cough in patients with idiopathic pulmonary fibrosis: assessment of quality of life using the Leicester Cough Questionnaire in the Phase 2b CORAL trial** Marlies S. Wijsenbeek (Rotterdam, Netherlands), Peter Saunders, James Cassella, Philip Molyneaux	**OA3520**

11:20	**Baseline characteristics of patients in the ALOFT-PPF phase 3, randomized, placebo-controlled trial of admilparant (BMS-986278), an oral lysophosphatidic acid receptor 1 (LPA1) antagonist, in progressive pulmonary fibrosis** Fernando J. Martinez (Worcester, United States), Toby M. Maher, Michael Kreuter, Tamera J. Corte, Vincent Cottin, Takashi Ogura, Takafumi Suda, Zuojun Xu, Osamu Nishiyama, Gerard Criner, Yue Wang, Natalia Baginski, Jessica Sereysky, Anusha K. Yeshokumar, Marlies Wijsenbeek	**OA3521**
11:25	**Effect of nerandomilast in patients with pulmonary fibrosis by forced vital capacity (FVC) at baseline: pooled data from the FIBRONEER trials** Claudia Valenzuela (Madrid, Spain), Marlies S. Wijsenbeek, Ayodeji Adegunsoye, Min Cao, Man Pyo Chung, Yasuhiko Nishioka, Markus Polke, Hui Gu, Kamila Sroka-Saidi, Gerrit Weimann	**OA3522**
11:30	**Improvements in lung function among idiopathic pulmonary fibrosis patients treated with inhaled treprostinil** Juergen Behr (München, Germany), Kevin Flaherty, Vincent Cottin, Peter Smith, Chunqin Deng, Youlan Rao, Debby Dunaway, Emilia Zywot, Kyle Davis, Steven Nathan	**OA3523**
11:35	**ASPIRE-IPF, a global, double-blind, randomized, placebo-controlled Phase 2b trial of buloxibutid, an angiotensin II type 2 receptor agonist, in idiopathic pulmonary fibrosis: trial design and patient characteristics** Toby M Maher (Los Angeles, CA, United States), Toby Maher, Marlies Wijsenbeek-Lourens, Tejaswini Kulkarni, Tamera Corte, Fernando Martinez, Michael Kreuter, Kevin Flaherty, John Mackintosh, Mark Hamblin, Patrice Gauthier, Johan Raud, James Nolin, Anne-Katrine Cohrt, Eva Santermans, Bernt van den Blink, Bertil Lindmark	**OA3524**
11:40	**AGMB-447, an inhaled ALK5 inhibitor in development for the treatment of idiopathic pulmonary fibrosis, demonstrates safety, tolerability, lung-restricted exposure, and target engagement in healthy subjects** Kay Tetzlaff (Mainz, Germany), Philippe Wiesel, Tim Van Kaem, Caroline Sabadie, Gert De Wilde, Kim Thys, Ellen van der Aar, Fatima Aharchi, Margaux Faes, Tony Senso, Wayne Morley, Geert Winnen, Naimat Khan, Dave Singh, Andrea Sáez	**OA3525**
11:45	**Design and baseline characteristics of patients with progressive disease in idiopathic pulmonary fibrosis enrolled in PROGRESSION-IPF, a pragmatic, open-label, randomized trial** Vincent Cottin (Lyon, France), Stéphane Jouneau, Sylvain Marchand-Adam, Stéphanie Dirou, Emmanuel Bergot, Loubna Alavoine, Frédéric Gagnadoux, Grégoire Prévot, Julie Traclet, Arnaud Bourdin, François Lestelle, Hilario Nunes, Elodie Blanchard, Philippe Bonniaud, Kais Ahmad, Lidwine Wemeau-Stervinou, Sébatien Quétant, Benoit Godbert, Julien Bermudez, Dominique Israel-Biet, Johana Pradelli, Sandra Dury, Jean-Marc Naccache, Nicolas Bizien, Tiphaine Guy, Sandrine Hirschi, Daniel Bonnet, Anne Guillaumot, Mallorie Kerjouan, Thomas Flament, Charlotte Menigoz, Aurélien Justet, Pascaline Priou, Aurélie Leborgne-Krams, Yvonne Varillon, Bruno Crestani, Nathan Mewton, Camille Amaz	**OA3526**
11:50	**Discussion and Q&A** All speakers	**OA3527**

Studio — Session 326 — 11:30 - 12:15

Patient-centred session: Meaningful patient involvement in research

Aims : To discuss what patient involvement means and why involving patients in research is important.

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Mikaela Odemyr (Örnsköldsvik, Sweden)

11:30	**Meaningful patient involvement in research** Charlotta Norgaard (Kongens Lyngby, Denmark), James D. Chalmers (Dundee (Angus), United Kingdom), Susanne Vijverberg (Utrecht, Netherlands), Kjeld Hansen (Oslo, Norway)	**3528**

3.11 — Session 327 — 11:40 - 14:00

Skills workshop: SW9 SW9: Advanced interpretation of cardiopulmonary exercise testing – € Additional registration is required for this session

Aims : To discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop any new skills and expertise needed to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop the skills needed to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Tag(s) : Clinical

Chairs : Sam Bayat (Grenobe, France)

11:40	**Assessing breathlessness** Michele R. Schaeffer (Vancouver, Canada)	**3529**
11:40	**Laryngoscopy during exercise: live demonstration** James H. Hull (London, United Kingdom), Hayley Lewthwaite (Merewether, Australia)	**3530**
11:40	**Ventilatory efficiency and gas exchange** J. Alberto Neder (Kingston, Canada)	**3531**
11:40	**Dynamic hyperinflation and other respiratory measurements: live demonstration** Afroditi Boutou (Thessaloniki, Greece), Thomas Gille (Bobigny, France)	**3532**

3.14 Session 328 11:40 - 14:00

Skills workshop: SW12 SW12: Home invasive and non-invasive ventilation in children – €

Additional registration is required for this session

Aims : To explain to participants the key components of long-term invasive ventilation in children, focusing on tracheostomy management, the use of speaking valves and humidification strategies; to discuss device selection, indications and practical considerations in daily clinical care; to provide hands-on experience of paediatric invasive ventilators and to explain commonly used ventilation modes and settings; to explain how to adapt ventilator settings to different paediatric respiratory conditions and clinical scenarios; to introduce participants to paediatric non-invasive ventilation (NIV) equipment, including masks and ventilators, and to review NIV equipment modes and settings; to teach participants how to recognise and manage patient–ventilator asynchrony in children; to demonstrate a structured, practical approach for interpreting NIV device read-outs in children; to provide a comprehensive account of adherence, leaks, ventilatory effectiveness, residual events and patient–ventilator interaction, and how to translate NIV data into appropriate clinical decision-making using paediatric case reports.

Disease(s) : Paediatric respiratory diseases | Respiratory critical care | Sleep and breathing disorders

Tag(s) : Clinical, Digital health

Chairs : Stijn Verhulst (Antwerpen, Belgium)

11:40	**Interfaces, ventilators, modes and settings in paediatric NIV** Hui Leng Tan (London, United Kingdom)	**3533**
11:40	**Analysis of ventilator read-outs in paediatric NIV and IMV** Sonia Khirani (Paris, France)	**3534**
11:40	**Basics of tracheostomy ventilation at home: tracheostomies, speaking valves, HME, modes of ventilation** Miriam Liliana Giarrana-Kaufmann (Zollikerberg, Switzerland)	**3535**
11:40	**Real-life clinical cases in invasively ventilated children: emergency scenarios and transition from invasive to non-invasive ventilation** Maria Cols Roig (Esplugues del Llobregat, Barcelona, Spain)	**3536**

PS-1 Session 337 12:30 - 14:00

Poster session: Sleep-disordered breathing, ventilation and acute respiratory care: current clinical challenges

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Pulmonary function testing Epidemiology Physiology Public health Pulmonary rehabilitation Respiratory intensive care Surgery Palliative care General respiratory patient care Imaging

Tag(s) : Clinical

Chairs : Georgios Kaltsakas (Athens, Greece), Kamil Polok (Kraków, Poland), Marie Bruyneel (Brussels, Belgium)

	Obstructive sleep apnoea and postoperative hypoxic events: a systematic review and meta-analysis Fatma Doghman (Turku, Finland), Haitham Ballo, Ulla Anttalainen, Tarja Saaresranta	**PA3567**
	Cardiometabolic Characteristics of Obesity Hypoventilation Syndrome: The Role of Abdominal Obesity Abdelouahab Fouzia (Constantine, Algeria), Bouchra Benzouid, Mohamed Bougrida	**PA3568**
	Sex-related clinical and gas exchange differences in obstructive sleep apnea Wajih Ghribi (Monastir, Tunisia), elhem chaouch, Maha Ben Méchlia, Sara Trimech, Aya Zaara, Asma Fattoumi, Arij Hileli, Sana Sassi, Saoussen Cheikh Mhammed, Ahmed Ben Saad, Samah Joobeur	**PA3569**

Determinants of a High Nocturnal Desaturation Index in Obstructive Sleep Apnea : A Retrospective Study Wajih Ghribi (Monastir, Tunisia), elhem chaouch, Maha Ben Méchlia, Asma Fattoumi, Sara Trimech, Aya Zaara, Sana Sassi, Arij Hileli, Saoussen Cheikh Mhammed, Ahmed Ben Saad, Samah Joobeur	**PA3570**
is the Epworth Sleepiness Scale a predictive indicator of obstructive sleep apnea severity? Chirine Moussa (Tunis, Tunisia), Chaima Turki, Samira Mhamdi, Chiraz Aichaouia, Zied Moatemri, Zied Moatemri	**PA3571**
Changes in Sample Entropy of Physiological Signals in Asthma Patients with/without Obstructive Sleep Apnoea (OSA) Nawal Alotaibi (London, United Kingdom), Amar Shah, John Hurst, Alireza Mani, Swapna Mandal	**PA3572**
Sedation strategy and ventilator liberation in acute respiratory failure: A multicenter analysis Avi S. Albeg (Brooklyn, United States), Ekenedilichukwu Nnadi, Rebhi Rabah, Emmanuel Omole, Moshe L. Albeg, Tarik Al-Bermani	**PA3573**
Active humidification in non-heated circuits: Can target humidity be achieved without circuit condensate during invasive mechanical ventilation? Melanie Moylan (North Turramurra, Australia), Sandra Grau-Bartual	**PA3574**
Clinical Predictors of Safe Disposition After Planned Extubation in the Emergency Department: A 12-Year Retrospective Study AI-CHIN CHENG (tainan, Taiwan), Hsiang-Ling Huang, Tian-Hoe Tan, Shu-Farn Tey	**PA3575**
Oscillometry for assessment of volume status in patients undergoing hemodialysis Rottem Kuint (Jerusalem, Israel), Henny Azmanov, Assaf Potruch, Adi Ben Michael, Eyal Ophir, Michal Elhalel Dranitzki, Neville Berkman	**PA3576**
Impact of Obstructive Sleep Apnea and CPAP Use on the Incidence of Non-Fatal Cardiovascular Events in Post-Stroke Patients Edvane Aparecida Braz Araujo Silva (Poços de Caldas, Brazil), Leticia Simon, Maria Paiva, Laiane Macedo, Sofia Couto, Gabriel Rodrigues, Carolaine Ridolfi, Giovanna Gouveia, Larissa Melo, Luciana Sampaio	**PA3577**
Predictors of morbidity and mortality in thoracic trauma: A bicentric experience Mohamed REBEI (sfax, Tunisia), Zied Chaari, Jaweher Kammoun, Aymen Ben Ayed, Mona Nasri, Ahmed Ben Ayed, Abdesslem Henteti, Wiem Ben Amar	**PA3578**
Speaking-valve versus capping protocol for decannulation efficacy in tracheostomy patients Hongying Jiang (Beijing, China), Chenxi Zhang, Ting Zhou, Jingyi Ge, Qing Li, Bin Zhang, Jianjun Wang, Bo Yang, Zhanqi Zhao	**PA3579**
Speaking valve with transtracheal end-expiratory pressure predicts upper airway patency in prolonged tracheostomy patients: a multicentre prospective cohort study Jingyi Ge (Beijing, China), Hongying Jiang, Ting Zhou, Chenxi Zhang, Bin Zhang, Jianjun Wang, Qing Li, Bo Yang, Yajing Wang, Li Zheng, Shenglan Jin, Pan Li, Zhanqi Zhao	**PA3580**
Evaluating the effects of intermittent oro-esophageal in tracheotomy patients with neurogenic dysphagia: a randomized study Li qing (Beijing, China), Jiang Hongying, Yang Bo, Sun Liying, Li Pan, Wang Yajing	**PA3581**
Risk Factors for Post-Interventional Restenosis and Development of a Predictive Model in Patients With Benign Central Airway Stenosis Jie Liu (Chongqing, China)	**PA3582**
Bench study comparing six mechanical cough assist devices available in Austria by simulating non-invasive and invasive use shows relevant differences in technical properties Andreas Van Egmond-Fröhlich (Wien, Austria), Christoph Jaquelin, Florian Stehling, Tobi Engelke	**PA3583**
Association of peak cough flow and diaphragmatic dysfunction with clinical severity in neuromuscular diseases Khouloud Kchaou (Ariana, Tunisia), Saba Boubakri, Yasmine Ben Salem, Soumaya Khaldi, Yacine Ouahchi	**PA3584**
RCT Abstract - Inhaled tranexamic acid or terlipressin versus placebo as first-line therapy for mild-to-severe haemoptysis (ACTIVE): a multicentre, double-blind, randomised trial Benjamin PLANQUETTE (Gentilly, France), Vincent Rothstein, Olivier Sanchez, Muriel Fartoukh, Sandrine Pontier-Marchandise, Patrick Girardie, Martin Dres, Vanessa Bironneau, Emmanuel Bergot, Helena Pereira, Damien Basille, Jean Francois Boitiaux, Camille Rolland Debord, Laurent Savale	**PA3585**

Increased strength with reduced neural drive after inspiratory muscle exercise in healthy people **PA3586**
Jens Spiesshoefer (Aachen, Germany), Sophia Faller, Lorenz Schrader, Paulina Rach, Rainer Glöckl, Eline Oppersma-Mos, Annemijn Jonkman, Michael Dreher

PS-10 Session 338 12:30 - 14:00

Poster session: Emerging experimental models and imaging platforms for lung diseases

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Airway diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Imaging | Public health | Physiology

Tag(s) : Basic science, Clinical

Chairs : Irma Mahmutovic Persson (Lund, Sweden), Gaëtan Roudier (Montreal, Canada), Nicolas Mercado (Basel, Switzerland)

Late Breaking Abstract - Early-stage ILD: characterization of the predictive validity of a Micro-CT preclinical platform **PA3587**
Elena Mantovani (Novara, Italy), Beatrice Ragnoli, Nausicaa Clemente, Mario Malerba, Fausto Chiazza

Development of an iPSC-Derived Model of Telomere Dysfunction in Human Lung Disease **PA3588**
Mari Ozaki (Dublin 2, Ireland), Anja Schweikert, Aoife Carolan, Wan Lin Ng, Anna Duckworth, Kevin Norris, Cormac Murphy, Fernanda Gutierrez-Rodrigues, Irene Oglesby, Xi Jing Teoh, Chris Scotton, Michael A Gibbons, Aurelie Fabre, Poornima Mahavadi, Carly Meritt, Andrew Wilson, Konstantinos-Dionysios Alysandratos, Finn J Hawkins, Andrew Berical, Darrell N Kotton, Felix C Ringshausen, Ruth Olmer, Andreas Gunther, Emma M Groarke, Duncan Baird, Killian Hurley

Lung development over time in a neonatal rabbit model of bronchopulmonary dysplasia (BPD): a micro-computed tomography (µCT) study **PA3589**
Francesca Pennati (Milano, Italy), Davide Buseghin, Erica Ferrini, Martina Buccardi, Giorgio Aquila, Gino Villetti, Chiara Catozzi, Nicola Sverzellati, Andrea Aliverti, Franco Fabio Stellari

Loss of Folliculin Disrupts Alveolar Barrier Integrity and Increases Oxidative Stress in hiPSC-Derived Models of Birt-Hogg-Dubé Syndrome **PA3590**
Jasmijn A. Schrumpf (Leiden, Netherlands), Alejandro Rodriguez Ruiz, Dayene de Assis Fernandes Caldeira, Dennis K. Ninaber, Bart P.C. Hoppe, Ruth Olmer, Ulrich Martin, Lisa van Hil, Valeria V. Orlova, Pieter S. Hiemstra, Anne M. van der Does

LSC - 2026 - Single-cell trajectory analysis reveals testosterone as a regulator of fibrosis onset **PA3591**
Anja Schweikert (Dublin, Ireland), Jisha Jasmin, Kailu Song, Sahin Sarihan, Jun Ding, Mari Ozaki, Killian Hurley

An alveolar in vitro model to study effects of ventilation-induced mechanical strain **PA3592**
Sarah Bringezu (Aachen, Germany), Erik Noetzel-Reiss, Rudolf Merkel, Stefan Uhlig, Lucy Kathleen Reiss

A reproducible human macrophage platform for modeling lung immune responses **PA3593**
Klaudia Grieger (Hannover, Germany), Maximilian Schinke, Ingrid Gensch, Gesine Hansen, Mania Ackermann, Nico Lachmann

Head-to-head comparison of three established primary human alveolar organoid culture systems: a practical guide for researchers **PA3594**
Jung-Ki Yoon (Seoul, Republic of Korea), Junwon Hyun, Yongphil Kwon

Mechanical stretch modulates c-Src activation in an ex vivo model of ventilator-induced lung injury using precision-cut lung slices **PA3595**
Maria del Pilar Romano (Lund, Sweden), Sara Rolandsson Enes, Linda Elowsson, Anna Cederberg, Ida Rosdal, Gunilla Westergren-Thorsson, Sam Bayat, Irma Mahmutovic Persson, Anna-Karin Larsson Callerfelt

Synchrotron-Based Spatial Imaging of Biogenic Metals in Chronic Lung Disease **PA3596**
Bryan Falcones Olarte (Malmö, Sweden), Linda Elowsson, Karina Thånell, Gunilla Westergren-Throsson

Characterising sex-based fibrotic and elastic changes in the lung tissue using deep ultraviolet fluorescence (DUV) microscopy in an acute pulmonary fibrosis animal model **PA3597**
Petra Somogyi (Szeged, Hungary), Fruzsina Farkas, Fruzsina Kun-Szabó, Gergely H. Fodor, Catherine Guettier, Sam Bayat, Frédéric Jamme, Hugo Chauvet, François Le Naour, Ferenc Peták, Slávka Kaščáková

Accuracy, bias, and biological impact of methylation-based cell-type deconvolution adjustment **PA3598**
Julieta Viglino (Barcelona, Spain), Sandra Casas, Raquel Garcia, Xènia Carrizosa Guerri, Lidia Perea, Àlvar Agustí, Rosa Faner, The P4COPD Study Group

Novel alveolar organoid-on-chip platform for airway parenchyma disease modelling **PA3599**
Nicolas Mercado (Basel, Switzerland), Raquel Calçada, Mafalda Arnaud, David Dylus, Reiner Wimmer, Remi Villenave

Polymer formation in alveolar type 2 cells derived from alpha-1 antitrypsin deficiency (AATD) patients with emphysema — **PA3600**
Britte Spruijt (Leiden, Netherlands), Annemarie van Schadewijk, Anne M. van der Does, Padmini P.S.J. Khedoe, Emily F. van 't Wout

Modeling emphysematous tissue-associated fibroblasts for use in advanced lung-on-chip co-culture models — **PA3601**
Philip Jalink (Leiden, Netherlands), Manuel Guimarães-Ferraz, Eric Muré, Irene Heijink, Pieter Hiemstra, Anne Van der Does

Modeling acute silica-induced inflammation using precision-cut lung slices — **PA3602**
Paris Papagianis (Clayton, Australia), Varuni Premaratne, Claudia Sim, Alexandra Boffa, Elizabeth Richards, William Studley, Simon Royce, Yi Chen, Jane Bourke

Multicellular 2D and 3D preclinical modelling to decode macrophage–epithelial–fibroblast crosstalk in silicosis — **PA3603**
Sakthi Priya Selvamani (Sydney, Australia), Ellen Donohoe, Richard Zelei, Ling Zhuang, Deborah Yates, Anthony Linton, Elham Hosseini Beheshti

Development of an "in vitro" model for the study of Hantavirus Pulmonary Syndrome — **PA3604**
Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), Maria Cristina Gimena Donth Leger, Juan Manuel Figueroa, Jazmin Gilszlak, Andrea Dugour, Adriana Cangelosi, Rocío Coelho, Carlos Palacios, Daniel Alonso, Sebastián Kelh, Daniela Felicioti, Patricia Geoghegan, Celeste Perez, Carla Bellomo, Valeria Martinez, Natalia Periolo

Study of Respiratory Cilia Beat Frequency (CBF) in nasal biopsies and Air-Liquid Interface (ALI) Cultures — **PA3605**
Aleksandra Szejn (Leicester, United Kingdom), Rebecca Dale, Anna Straatman-Iwanowska, Maria Khan, Ruby Lawrance, Deepa Patel, Neeta Kulkarni, Christopher O'Callaghan, Robert Hirst

Patient-derived airway organoid cultures as a preclinical approach to study type 2 inflammation in chronic obstructive lung disease — **PA3606**
Katharina Koethke (Kiel, Germany), Jarka Lunow, Annemarie Scheer, Gregor Warnecke, Wiebke Sommer, John Baines, Jan Heyckendorf

PS-11 Session 339 12:30 - 14:00

Poster session: Precision phenotyping, biomarkers and endotypes in asthma and COPD

Disease(s) : Airway diseases | Respiratory critical care | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Respiratory intensive care | Epidemiology | Imaging | Transplantation

Tag(s) : Translational , Clinical

Chairs : Ken Bracke (Ghent, Belgium), Niki L. Reynaert (Maastricht, Netherlands), Jessica Bon (Winston-Salem, United States)

Late Breaking Abstract - Single-cell RNA sequencing of nasal swabs reveals epithelial remodeling and inflammatory endotypes in asthma — **PA3607**
Anna Bagińska (Berlin, Germany), Xiaodi Lyu, Jan Renzienhausen, Sophie McEwen, Anke Seegebarth, Sven Laudi, Lennart Pfannkuch, Matthias Gröschel, Jörgen Winkler, Saskia Trump, Roland Eils, Irina Lehmann

Inflammatory biomarkers and metabolomic profiling of asthma patients in northeastern Taiwan — **PA3608**
Li-Fu Li (Keelung, Taiwan), Yi-Bei Hou, Chih-Yu Huang, Ping-Chi Liu, Chung-Chieh Yu

Serum MMP-8 and promotor MMP-8 -799 G>A SNP as possible markers of non-eosinophilic bronchial asthma — **PA3609**
Tatyana Vlaykova (Stara Zagora, Bulgaria), Dimo Dimov, Elina Aleksandrova, Tanya Tacheva, Hristina Petrova

IL-17 Inhibition Reduces Collagen Type V Deposition and Preserves Lung Function in COPD. — **PA3610**
Luan Alves (São Paulo, Brazil), Alyne Moreira, Alex Silva, Carla Cerratto, Francine Almeida, Leticia Mattos, Maria Rafaella Guedes, Vittoria Geron, Geovanna Souza, Haroldo Filho, Camila Silva, Franciele Lima, Paulo Cardoso, Iolanda Tibério, Walcy Teodoro, Fernanda Lopes

Spermine Alleviates AECOPD via ZFP36-Mediated Pyroptosis Inhibition: Enhanced Efficacy with Macrophage-Targeted Nanodelivery — **PA3611**
Yun Feng (ShangHai, China), YiFan Lu, Ao Xiang Li, XiaoYan Hu, HongChen Xiao

Selective furin inhibition to target TGF-β signalling and airway inflammation in cystic fibrosis — **PA3612**
Fionnuala Doran (Belfast, United Kingdom), Beril Guney, James Reihill, Lorraine Martin

Small airway disease features in emphysematous and non-emphysematous COPD Thibo Verheyen (Wilrijk, Belgium), Jeroen Hendriks, Wen Wen, Anne Sieben, Annemiek Snoeckx, Joke De Raedemaecker, Thérèse Lapperre, Stijn Verleden	**PA3613**
Investigating therapeutic mechanisms of enhanced airway epithelial cell repair in childhood wheeze Thomas Iosifidis (Perth (WA), Australia), Aaron Gomes, Patricia Agudelo-Romero, Emma Catchpole, Talya Conradie, Peter Noble, Anthony Kicic, Stephen Stick, Alexander Larcombe	**PA3614**
Cellular localization of YAP/TAZ in AT2 cells is maintained in COPD Anna Cederberg (Lund, Sweden), Tom Delaire, Bryan Falcones, Linda Elowsson, Gunilla Westergren-Thorsson	**PA3615**
Histological features and gene pathways are shared between 15-week HDM model and moderate-to-severe COPD George Scott (Tarrytown, United States), Dylan Birchard, Caroline Sandén, Jonas Erjefält, Andrew Murphy, Kerry Casey, Seblewongel Asrat, Jamie Orengo	**PA3616**
Targeting macrophage SOAT2 alleviates acute lung injury via enhancing endogenous lipid ligand–dependent PPARγ transcriptional activity Tian Jiang (Shanghai, China), Zhiwang Zhao, Mingfang Lv, Lijie Tan	**PA3617**
MUS81 Promotes Macrophage Inflammation and Lung Injury by Activating the STING/NF-κB Pathway Miao Li (Hangzhou, China), Jiafei Lou, Gaoying Chen, Songmin Ying, Wen Li	**PA3618**
Neddylation-dependent degradation of TMEM175 restricts inflammatory responses in macrophages Xuchen Xu (Hangzhou, China), Jinkang Yu, Zhengyuan Liu, Dongyu Guo, Yongchao Zhao, Zhimin Chen, Zhihua Chen	**PA3619**
Effects of physical training in patients with pulmonary arterial hypertension Kelly Casós Vásquez (Pineda De Mar, Spain), Irene Gómez, Olga Tura-Ceide, Ana M. Ramírez, Elena Gimeno Santos, Ricardo Aguilar, Joan A. Barberà, Víctor I. Peinado, Isabel Blanco	**PA3620**
A 4q31 emphysema-protective variant aligns with lower serum HHIP after accounting for smoking burden: a multicentre COPD cohort study. Zakaria Lahmar (Montpellier, France), Engi Ahmed, Fanchon Herman, Isabelle Vachier, Aurélie Fort, Nicolas Molinari, Arnaud Bourdin, Anne Bergougnoux	**PA3621**
Feature-Interaction Clustering Reveals Interpretable COPD Exacerbation Risk Subtypes Eduard Aliaga (Cambridge, United States), Mapopa Chipofya, Enrico Maiorino, Jennifer Dy, Peter J Castaldi, Adel Boueiz	**PA3622**
Secretory phospholipase A2 type IIA (sPLA2-IIA) is associated with aspirated bile acids, lipidome changes and inflammatory proteins in allograft proximal airways: a prospective multicenter study Elena Floris (New York, United States), Chiara Camillo, Rayoun Ramendra, Miguel Leiva-Juarez, Anna Miller, Luke Benvenuto, Tereza Martinu, Frank D'Ovidio	**PA3623**
Co-expression of IL5, IL13 and IL4 defines a T2-high COPD endotype Russell Hamilton (Stevenage, United Kingdom), Sudarshan Chari, Joanna Betts, Jeff Min, Stefanie Kolterer, Ron Chen	**PA3624**
Epigenetic profiling of the nasal epithelium in severe asthma patients reveals distinct signatures of biological therapies Sara Maggioni (Milano, Italy), Stefano Quaranta, Giada Moresco, Marzia Gianò, Laura Fontana, Stefano Centanni, Ornella Rondinone, Beatrice Re, Cristina Albrici, Cecilia Rosso, Francesco Ferella, Carlotta Pipolo, Giovanni Felisati, Monica Miozzo, Elena Maria Parazzini, Michele Mondoni	**PA3625**
Asthma patient stratification through multi-modal data integration: U-BIOPRED adult blood- and urine handprints of clinical utility Åsa Wheelock (Stockholm, Sweden), Chuan-xing Li, Nazanin Zounemat-Kermani, Marika Ström, Bertrand DeMeulder, Johan Kolmert, Paul Skipp, Anthony Postle, Barbro Dahlen, Graham Roberts, Paolo Montuschi, Dominik Shaw, Anke-Hilse Maitland, Charles Auffrey, Ratko Djukanovic, Sven-Erik Dahlen, Craig Wheelock, Ian Adcock	**PA3626**

PS-12 Session 340 12:30 - 14:00

Poster session: Clinical dimensions of obstructive sleep apnoea: comorbidities, severity and phenotypes

Disease(s) : Airway diseases | Sleep and breathing disorders | Pulmonary vascular diseases | Respiratory critical care

Method(s) : Physiology | Cell and molecular biology | Public health | Epidemiology | General respiratory patient care | Imaging

Tag(s) : Clinical, Translational

Chairs : Athanasia Pataka (Thessaloniki, Greece), Candelaria Caballero Eraso (Bormujos, Spain), Ozan Kaan Konak (izmir, Türkiye)

Are frontline healthcare professionals adequately prepared for cardiovascular risk detection in obstructive sleep apnoea? An analytical study Imen Kharrat (kairouan, Tunisia), Karim Felhi, Ameni Kacem, Roumaysa Bellara, Hajer Chakroun, Oumayma Khechini, Dhouha Ben braiek, Haifa Sfar, Jihen Ayachi, Ben Jezia Rahma	**PA3627**
Comorbidities and socioeconomic characteristics of Australian Aboriginals with obstructive sleep apnoea(OSA) Niranjan Babu Ananda Setty (Perth (WA), Australia), Bindiya Shenoy, Prarthana Abeyweera, Cheng Long Lu, David Hillman, Satwinder Singh Dhaliwal, Cameron Harvey, Bhajan Singh, Nigel McArdle	**PA3628**
Gut microbiota and metabolites in OSA-related mild cognitive impairment: a cross-sectional study Linfan Su (Beijing, China)	**PA3629**
Differential effects of sleep respiratory event types on autonomic nervous function: central apnea as the most significant contributor Cong Fu (Shanghai, China), Tianci Zhao, Wei Chen, Chen Chen, Huan Yu	**PA3630**
Obstructive sleep apnea in rheumatoid arthritis patients: a scoping review Andra Dumitru (Bucharest, Romania), Larisa Pinte, Madalina Popescu, Marius Cotet, Mirela Simion-Stanciu, Stefania Grigoras, Valentin Nedelcu, Daniela Gologanu, Cristian Baicus	**PA3631**
Obstructive sleep apnea severity and its association with coronary artery lesion complexity in patients with significant coronary artery disease Monika Kowalik-Pandyra (Krakow, Poland), Klaudia Piwowar, Michał Tworek, Anna Kabłak-Ziembicka, Jakub Podolec	**PA3632**
Impact of Cardiometabolic Comorbidities on Obstructive Sleep Apnea-Hypopnea Syndrome Severity: A Multimorbidity Analysis Sabrine Majdoub Fehri (Sfax, Tunisia), Roua Ben Brahim, Khouloud Hamdi, Souha Ben Salem, Hamida Kwas	**PA3633**
Hypoxic Burden Index, but Not Hypoxic Burden, Better Identifies Patient-Specific Determinants of Hypoxic Severity Independent of Apnea Frequency Kirti Kadian (Bhopal, India), Prakhar Agarwal, Abhishek Goyal, Hitesh Billa, Kapil Dangi, Mohammad Hibjullah	**PA3634**
Hypoxic Burden Index: A Novel Marker of Sleep Apnea Severity Independent of Apnea Frequency Prakhar Agarwal (Bhopal (MP), India), Kirti Kadian, Abhishek Goyal	**PA3635**
Clinical Characteristics and Symptom Burden in Adults Referred for Suspected Sleep-Disordered Breathing: Insights from the Sunrise Dataset Audit Phyllis Murphie (Dumfries, United Kingdom), Lorna McKay	**PA3636**
Phenotyping COMISA: Relationships Between Insomnia phenotypes and Obstructive Sleep Apnea Severity Cláudia Alexandra Dos Santos Martinho (Coimbra, Portugal), João Couto, Laura Lopes, Tiago Pais, Teresa Costa	**PA3637**
QUALITY OF SLEEP AND LIFE IN POSTMENOPAUSED WOMEN PRACTICE OR NOT OF PHYSICALEXERCISE: CROSS-SECTIONAL OBSERVATIONAL STUDY Emilia Raposo Nascimento (São João da Boa Vista, Brazil), Isadora Domingues Narcisio, Izabele Oliveira Dos Santos, Emilia Raposo Nascimento, Luciana Maria Malosa Sampaio, Luísa Teixeira Pasqualotto, Newton Santos Faria Júnior	**PA3638**
The prevalence of self-reported COMISA in a prospective audit of people who have had a NICE approved Sunrise sleep test. Phyllis Murphie (Dumfries, United Kingdom), Lorna McKay	**PA3639**
REM, Apneas and Body Temperature in Nocturnal Thermoregulation of Obstructive Sleep Apnea Wojciech Kuczyński (Lodz, Poland), Weronika Bielska, Karol Pierzchała, Zuzanna Boczar, Piotr Białasiewicz	**PA3640**

Proteomic Insights into Blood Pressure Modulation by CPAP in Normotensive Patients with Obstructive Sleep Apnoea — **PA3641**
Anna Galan-Gonzalez (Lleida, Spain), Gerard Torres, Iván D. Benítez, Rafaela Vaca, Manel Perez-Pons, Krish Dodani, Mario Henríquez-Beltrán, Olga Mínguez, Maria Aguilà, Dolores Martínez, Manuel Sánchez-de-la-Torre, Ferran Barbé, Adriano D.S. Targa

Clinical characteristics and etiologies of central sleep apnea syndrome in an Algerian population — **PA3642**
Mahdi Martani (Constantine, Algeria), Mohamed Kheireddine Bourahli, Mohamed Bougrida

Determinants of Prolonged Diagnostic Delay in Obstructive Sleep Apnea-Hypopnea Syndrome: A Single-Center Study — **PA3643**
Roua Ben Brahim (Gabes, Tunisia), Roua Ben Brahim, Souha Ben Salem, Khouloud Hamdi, Hamida Kwas

Respiratory sleep disorders among young adults using cigarette and heated tobacco products — **PA3644**
Beatrice Ragnoli (Vercelli, Italy), Patrizia Pochetti, Annamaria Oriolo, Marwa El Sawalhi, Mario Malerba

PS-13 Session 341 12:30 - 14:00

Poster session: Rethinking sleep apnoea: from diagnostics to clinical outcomes

Disease(s) : Sleep and breathing disorders | Airway diseases | Respiratory critical care

Method(s) : Public health | Epidemiology | General respiratory patient care | Imaging | Physiology | Surgery | Respiratory intensive care

Tag(s) : Clinical

Chairs : Elisa Perger (Milano, Italy), Yuanming Luo (Guangzhou (Guangdong), China), Renata L. Riha (Edinburgh (Edinburgh), United Kingdom)

Late Breaking Abstract - Continuous non-invasive nasal mucosa CO_2 monitoring in patients at risk of hypercapnia: Final Results of the DISCO Pilot Study — **PA3645**
Anne-Marie Gabrielsen (Skien, Norway), Morten Waldvogel-Rønning, Ellen Caroline Sahlstrøm, Thor Inge Tønnessen, Espen Lindholm

Association of Hypoxia with Plasma Atherogenic Index, Triglyceride–Glucose Index, and Monocyte-to-HDL Ratio in Patients with Obstructive Sleep Apnea Younger Than 65 Years: Preliminary results — **PA3646**
Özge Oral Tapan (Mugla, Türkiye), Kubra Caglayan Karaca

Breath biomarkers for non-invasive assessment of obstructive sleep apnea — **PA3647**
Giuseppe Palmieri (Foggia, Italy), Raffaella Germinario, Donato Lacedonia, Roberto Sabato, Giulia Scioscia, Mirka Mariani, Ruggiero Torraco, Mauro Carone, Francesco Dell'Olio, Pasquale Tondo

A predictive model for metabolic syndrome in a community-based population with sleep apnea: a secondary prevention screening tool using simple and accessible indicators — **PA3648**
Feng Tong (Guangzhou City, China), Yinhe Feng, Qiong Ou

Rethinking OSA Severity: The Modified Baveno Classification Identifies High-Risk Patients Missed by AHI — **PA3649**
Alexandru Corlateanu (Chisinau, Republic of Moldova), Cristian Popovici, Victoria Sîrcu

METS-IR and Anthropometric Predictors of Obstructive Sleep Apnea Severity Independent of Diabetes Status — **PA3650**
Burcu Arpinar Yigitbas (Istanbul, Türkiye), Sacit Icten, Esra Yazar

Associations Between Obstructive Sleep Apnoea Related Hypoxic Burden and Adverse Cardiovascular Outcomes in the West Australia Sleep Health Study. — **PA3651**
Christina D. Campbell (Perth, Australia), Cameron Harvey, Bindiya Shenoy, Ayesha Reynor, David Hillman, Brendan McQuillan, Joseph Hung, Nigel McArdle, Philip DeChazal, Bhajan Singh

Clinical Characterization of Disproportionate Hypoxemia Phenotype in Non-Severe Obstructive Sleep Apnea-Hypopnea Syndrome — **PA3652**
Sabrine Majdoub Fehri (Sfax, Tunisia), Souha Ben Salem, Roua Ben Brahim, Khouloud Hamdi, Hamida Kwas

Comparison of Hypoxic Burden Index and Apnea–Hypopnea Index in Relation to Metabolic Risk in Obstructive Sleep Apnea: A Prospective Observational Study from a Tertiary Care Centre in South India — **PA3653**
Krishnaveni Renganathan (Chennai (Tamil Nadu), India), Supraja Kalyanaraman, Palaniappan Thiruppathy, Ishvar Mohan, Raja Sundar Selvaraj

Nocturnal Hypoxemia and Risk of Incident Coronary Artery Disease in Adults with Obstructive Sleep Apnoea: The Sleep Apnea Patients in Skaraborg Study — **PA3654**
Yüksel Peker (Istanbul, Türkiye), Henrik Holtstrand Hjälm, Helena Glantz, Erik Thunström

Polygraphic determinants of daytime sleepiness in patients with sleep apnea syndrome PA3655
Sabrine Majdoub Fehri (Sfax, Tunisia), Balsam Barkous, Oumayma Agouni, Hamida Kwas

Apnea–hypopnea index versus nocturnal hypoxaemia in obstructive sleep apnoea: insights into physiological severity beyond event frequency. PA3656
María José Rodríguez (Monterrey Nuevo León, Mexico), Luis Alfonso Rodríguez

Multidimensional efficacy of a novel auto-adaptive neurostimulator in OSA: anatomical precision, composite clinical response and benchmarking against non-CPAP therapies PA3657
Gianna Vargas Centanaro (Madrid, Spain), Soha Esmaili, Myriam Calle Rubio, José Luis Álvarez-Sala, Juan Luis Rodríguez Hermosa, Ernesto Delgado Cidranes, Javier Montero, María Ángela Velacoracho, Baldomero Fernández Rondán

High Prevalence and Severity of Obstructive Sleep Apnea in Patients with Atrial Fibrillation Referred from Cardiology PA3658
Carla Nóvoa García (Madrid, Spain), Xingi Gao, Miguel Ángel Salvador Maya, Gianna Vargas Centanaro, Annette Zevallos Villegas

Predictors of CPAP adherence in non adherent patients after a multicomponent intervention: a real world ordinal logistic regression study PA3659
Rulber Duque Alzate (Madrid, Spain), Roberto Albarran Fernandez, Gimena Amendolara, Lucia Fernandez Nieto, Alvaro Kramer, Sara Lopez, Virginia Moros, Isabel Portela Ferreño, Francisca Rodriguez, Carmen Ruiz-Perez

Does Menopausal Status Influence Obstructive Sleep Apnea Severity? PA3660
Emna Benjemia (Tunis, Tunisia), Maroua Abessi, Siwar Rejeb, Amenie Naaroura, Hend Ouertani, Haifa Zaibi, Jihen Ben Amar

Sleep disorders and risk of female infertility: a systematic review PA3661
Daniela Ferreira-Santos (Porto, Portugal), Joana Bastos

Predictors of residual obstructive sleep apnea in children following adenotonsillectomy PA3662
Harish Rao (Indianapolis, United States)

Altered polyunsaturated fatty acids profiles in Japanese patients with obstructive sleep apnea PA3663
Masako Ueyama (Tokyo, Japan), Mototsugu Nagao, Akira Asai, Hiroshi Kimura, Shinichi Oikawa

Clinical Characteristics of Moderate-to-Severe Obstructive Sleep Apnea: A Cross-Sectional Analysis of 12,715 Adults from the TURKAPNE Cohort PA3664
Baran Balcan (Istanbul, Türkiye), Aylin Pıhtılı, Esen Kıyan, Mehmet Sezai Tasbakan, Ozen Basoglu, Senay Aydın, Nese Dursunoglu, Aykut Cilli, Yuksel Peker

PS-14 Session 342 12:30 - 14:00

Poster session: Survival and sleep apnoea: big data and comorbidities

Disease(s) : Sleep and breathing disorders Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Physiology Public health Epidemiology Respiratory intensive care Surgery Pulmonary function testing

Tag(s) : Clinical, Digital health

Chairs : Wojciech Kuczyński (Lodz, Poland), Michelle Ramsay (Esher, United Kingdom), Christoph Schöbel (Essen, Germany)

Late Breaking Abstract - Reduced In-Hospital Mortality among Patients with Obstructive Sleep Apnea and Obesity across High-Risk Acute Conditions PA3665
Cho Jae Hoon (Seoul, Republic of Korea), Choi Ji Ho

Characterization of obstructive sleep apnea in Italy through a multicenter electronic registry PA3666
Francesco Fanfulla (Pavia (PV), Italy), Chiara Maria Palo, Valentina Tibollo, Vanessa Tang, Riccardo Bellazzi, Andrea Romigi, Maria Rosaria Bonsignore, Fabio Colombo, Carolina Lombardi

Association of obstructive sleep apnea with cardiovascular mortality: a competing-risk analysis PA3667
Wojciech Kuczyński (Lodz, Poland), Weronika Bielska, Karol Pierzchała, Zuzanna Boczar, Piotr Białasiewicz

Understanding adults' knowledge, attitudes and practices related to obstructive sleep apnea: a cross-sectional study PA3668
Antonio Nader (Batroun, Lebanon), Charbel Chahine, Yara Zawd, Nizar Abou Ltaif, Zeina Akiki

Association of obstructive sleep apnea with pulmonary mortality: a competing-risk analysis PA3669
Karol Pierzchała (Lodz, Poland), Weronika Bielska, Zuzanna Boczar, Piotr Białasiewicz, Wojciech Kuczyński

The association of obstructive sleep apnoea with all-cause mortality and impact of PAP therapy – a prospective longitudinal analysis of the pan-European Sleep Apnoea Database (ESADA [CRC]) cohort. Silke Ryan (Dublin, Ireland), Özen K Basoglu, Pavol Joppa, Athanasia Pataka, Jean-Louis Pepin, Tarja Saaresranta, Sophia Schiza, Pawel Sliwinski, Johan Verbraecken, Ludger Grote	**PA3670**
Treatment decisions and short-and long-term adherence in subjects with Obstructive Sleep Apnoea: A Longitudinal analysis of the European Sleep Apnoea Database (ESADA) cohort (ERS CRC) Silke Ryan (Dublin, Ireland), Asterios Tzinas, Özen K. Basoglu, Ludger Grote, Ivana Paranicova, Athanasia Pataka, Jean-Louis Pepin, Tarja Saaresranta, Sophia Schiza, Pawel Sliwinski, Johan Verbraecken	**PA3678**
Survival modeling of mortality using cox regression and machine learning approaches Wojciech Kuczyński (Lodz, Poland), Karol Pierzchała, Zuzanna Boczar, Weronika Bielska, Piotr Białasiewicz	**PA3671**
All-cause mortality in patients indicated for Adaptive Servo Ventilation for Central Sleep Apnoea: A 5-year Follow-Up of the Prospective Multicentre Nationwide FACIL-VAA study. Renaud Tamisier (Grenoble, France), Carole Philippe, Arnaud Prigent, Christelle Charley-Monaca, Marie Pia D'Ortho, Thibaut Gentina, Frédéric Ganagadoux, Claire Launois, Vanessa Bironneau, Jean Pierre Mallet, Toufik Didi, Tiphaine Guy, Frederic Goutorbe, Christophe Perrin, Sandrine Pontier, Jean Francois Timsit, Jean Louis Pépin, Jean Claude Meurice	**PA3672**
Normocapnia-targeted NIV in obesity-hypoventilation syndrome: long-term outcomes from a prospective observational study Imola Anna Tóth (Budapest, Hungary), Vivien Moro, Szabolcs Baglyas, Eszter Podmaniczky, András Lorx, Luca Valkó	**PA3673**
Survival-oriented clustering using obstructive sleep apnea and polysomnographic variables Zuzanna Boczar (Lodz, Poland), Karol Pierzchała, Weronika Bielska, Piotr Białasiewicz, Wojciech Kuczyński	**PA3674**
Differences between physician assessment and patient self-report of Epworth Sleepiness Scale in obstructive sleep apnea Elif Kış Uysal (İzmir, Türkiye), Zehra Nur Töreyin, İrem Sezgin, Mehmet Sezai Taşbakan, Özen Kaçmaz Başoğlu	**PA3675**
Not just an obese disease: characterising the lean OSA Adriana Scionti (Acireale, Italy), Domenico Caratozzolo, Cristina Gangemi, Giuseppina Pastanella, Lucia Spicuzza	**PA3676**
Metabolic outcomes after hypoglossal nerve stimulation for OSA: preliminary results from the MET12 study Ines Neto Caetano (Porto, Portugal), Nathan Nowalk, Lauren Baranowski, Valerie Press, Esra Tasali, Phillip LoSavio	**PA3677**
Gender-Specific Patterns in PAP Adherence, Usage and Therapy Outcomes: Insights from a Large Real-World European Cohort Christoph Schöbel (Essen, Germany), Christoph Schoebel, Melike Deger, Holger Woehrle, Caleb Woodford, Michael Arzt, Ankit Ghildiyal, Florian Zeman, Suyog More	**PA3679**
Comparable symptoms, distinct physiological targets: AHI-adjusted arousal- and hypoxaemia-driven phenotypes in obstructive sleep apnoea Yeonsu Jeong (Seoul, Republic of Korea), Hyun Jin Min, Kyung Soo Kim	**PA3680**
Obstructive sleep apnea's (OSA) changing profile: long term trends in patient and polysmomnographic (PSG) characteristics Izolde Bouloukaki (Heraklion (Crete), Greece), Antonio Fabiozzi, Violeta Moniaki, Eleni Mavroudi, Alexandros Boutsi, Eva Fitrou, Manos Vlachos, Eirini Papadakaki, Eirini Vasarmidi, Katerina Antoniou, Sophia E. Schiza	**PA3681**
Auditory modeling and CPAP adherence Caterina Antonaglia (Trieste (TS), Italy), Antonio Cecco, Fabrizio Sors, Paola Confalonieri, Sara Soave, Gloria Maria Citton, Marco Confalonieri, Tiziano Agostini	**PA3682**
Influence of Gastroesophageal Reflux Disease on Disease Severity in Asthma-Obstructive Sleep Apnea Overlap Syndrome Ferdaous Yangui (La Marsa, Tunisia), Wafa Fenina, Soumaya Debiche, Hela Cherif, Salma Mokaddem, Mohamed Ridha Charfi	**PA3683**
Risk profile for obstructive sleep apnoea in adults with difficult-to-treat asthma: a multicentre cohort Laura Piggott (Dublin, Ireland), Laura Monaghan, Stephen Shelly, Emma Mulligan, Patrick Mitchell, Barry Kennedy, Deirdre Fitzgerald, Brian Kent	**PA3684**

PS-15 Session 343 12:30 - 14:00

Poster session: Novel cough therapeutics: the airway microbiome

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Physiology Pulmonary function testing Palliative care

Tag(s) : Translational , Digital health

Chairs : Jacky Smith (Manchester (Greater Manchester), United Kingdom), Elene Khurtsidze (Tbilisi, Georgia), Lorcan McGarvey (Belfast, United Kingdom)

Late Breaking Abstract - Effect of adenosine triphosphate (ATP) on laryngeal and cough hypersensitivity in refractory chronic cough Zander J. Williams (London, United Kingdom), Zander J. Williams, James H Hull, Hisham Waziri, Emma Gaffney, Sally Meah, Rosemarie Bolla, Stuart Mazzone, Lorcan McGarvey, Pankaj Bhavsar, Michelle Koh, Kian F Chung	**PA3685**
Treatment of post-infectious cough hypersensitivity syndrome. A modern view of the problem. Iryna Baranova (Vinnytsya, Ukraine), Iryna Iliuk, Kateryna Postovitenko, Nataliia Popenko, Olena Korobko, Daria Naavhust	**PA3686**
Quality of life outcomes assessed by the Leicester Cough Questionnaire in the Phase 2a RIVER trial of nalbuphine extended-release in refractory chronic cough Imran Satia (Hamilton, ON, Canada), James Cassella, Surinder Birring	**PA3687**
Clinical Experience with Gefapixant in a Specialized Chronic Cough Clinic: Navigating the P2X3 Pathway Astrid Crespo Lessmann (Barcelona, Spain), Daniel Bustamante, Eduardo Vélez-Segovia, Isaac Guzmán, Esther Palones, Borja Zarate-Tamames, Víctor Najas, Noé Garin Escrivá	**PA3688**
Hydrating therapeutic aerosols diminish coughs, cough bouts, and bout/cough ratio in refractory chronic cough patients with persistence up to 3 weeks post treatment Kholood Altassan (Riyadh, Saudi Arabia), Beshayr Alotaibi, Fan Chung, Deen Bhatta, Brian Button, David Edwards	**PA3689**
Exploring the Feasibility of Using ABACAS® as an Automated Cough Frequency Screening Tool in Chronic Cough Clinical Trials Terence Taylor (Clare, Ireland), Helen Venn, Denis Drennan, Helen Venn, Laura Kütt, Yaniv Zigel, Olivier Poirot, Michael Kitt, Jaclyn Smith	**PA3690**
Real-world experience of pentazocine for the treatment of Chronic Cough Kayleigh Brindle (Cottingham, United Kingdom), Mengru Zhang, Jennifer Nielsen, Alyn Morice	**PA3692**
Cough burden in severe asthma treated with biologics: preliminary results of a prospective study. Katarzyna Białek-Gosk (Warszawa, Poland), Magdalena E. Grabczak, Joanna Hermanowicz-Salamon, Olga Truba, Marta Dąbrowska	**PA3693**
Inhaled, nasal and topical corticosteroid burden, duration of exposure and risk of corticosteroid exposure-associated adverse events - a nationwide cohort study Kjell E J Håkansson (Copenhagen K, Denmark), Inge Raadal Skov, Steven Arild Wuyts Andersen, Zarqa Ali, Simon Francis Thomsen, Anders Løkke, Rikke Ibsen, Ole Hilberg, Howraman Meteran, Claus Rikard Johnsen, Vibeke Backer, Charlotte Suppli Ulrik	**PA3694**
Somatic Points for Cough and Cough Hypersensitivity identify patients at risk of poor treatment Alessandra Sorano (Firenze, Italy), Giulia Fabietti, Claudia Mannini, Elena Cinelli, Donatella Mutolo, Giovanni A. Fontana, Federico Lavorini	**PA3695**
Moving Beyond MIDs: A New Criteria for Chronic Cough Control Mustafaa Wahab (Hamilton, Canada), Elena Kum, Nermin Diab, Danica Brister, Ana Oliveira, Wafa Hassan, Sue Beaudin, Catie Stevens, Jennifer Wattie, Lesley Wiltshire, Karen Howie, Kieran Killian, Gordon Guyatt, Roma Sehmi, Gail Gauvreau, Paul O'Byrne, Imran Satia	**PA3696**
Prospective Study to Evaluate the Effectiveness of Guideline-Based Therapy for Chronic Cough and Refractory Chronic Cough (PROCOUGH) Mustafaa Wahab (Hamilton, Canada), Elena Kum, Nermin Diab, Danica Brister, Ana Oliveira, Wafa Hassan, Sue Beaudin, Catie Stevens, Jennifer Wattie, Lesley Wiltshire, Karen Howie, Kieran Killian, Kimberly Holt, Gordon Guyatt, Roma Sehmi, Gail Gauvreau, Jaclyn Smith, Paul O'Byrne, Imran Satia	**PA3697**

Clinical Remission in Chronic Cough: A 3-Year Prospective Cohort Study **PA3698**
Hwa Young Lee (Seoul, Republic of Korea), Eun-Jung Jo, Noeul Kang, Byung-Jae Lee, Sung-Yoon Kang, Sae-Hoon Kim, Seung-Eun Lee, Jin An, Sang-Heon Kim, Ji-Su Shim, Min-Hye Kim, Ji-Ho Lee, Byung-Keun Kim, Young-Chan Kim, Jiung Jung, Ha-Kyeong Won, Surinder S. Birring, Woo-Jung Song

Patient-reported cough symptoms during morphine and fentanyl treatment compared to placebo: a post hoc analysis of the MoreFoRCOPD trial **PA3699**
Marlies van Dijk (Groningen, Netherlands), Sonja Biesenbeek, Jan Willem van den Berg, Wendy van Beurden-Moeskops, Roxane Heller-Baan, Sander de Hosson, Wai Yee Lam-Wong, Kris Mooren, Liesbeth Peters, Karin Pool, Remge Pieterman, Huib Kerstjens

Inhaled corticosteroid/long-acting beta-agonist vs long-acting muscarinic receptor antagonist: A pilot study on comparative efficacy in the treatment of post-COVID-19 cough **PA3700**
Shuxin Zhong (Guangzhou, China), Liman Fang, Jiaxian Chen, Yiting Luo, Pan Long, Wenbo Yan, Kailun Tang, Xiaoying Chen, Ziyuan Xiang, Xu Shi, Mo Xian, Wanjun Wang, Chen Zhan, Jing Li, Ruchong Chen

Quality-of-Life Outcomes in Chronic Cough Patients Treated With Gefapixant: Real-World Evidence From a Retrospective Cohort Study **PA3701**
Leonie A. Kooistra (Zwolle, Netherlands), Mechteld Wiertz, Jan Willem van den Berg, Mireille Edens

Functional characteristics of the lower respiratory tract microbiome and the risk of exacerbation in COPD: A multi-omics meta-analysis and independent cohort validation **PA3702**
CONG ZHOU (Chengdu, China)

Characteristics of the Gut Microbiome in a Cigarette Smoke-Induced COPD Mouse Model and Intervention Study with Akkermansia muciniphila **PA3703**
Yan Yu (Beijing, China), Ran Li, Shuming Guo, Xiaojun Ma, Mengtong Jin, Jiamin Liang, Zhancheng Gao

Integrated multi-omics reveals microbiome shifts and immune restoration following mepolizumab treatment in patients with nasal polyps and comorbid asthma **PA3704**
Heleni Loutrari (Athens, Greece), Panagiotis Agioutantis, Dimitris Konstantopoulos, Vasiliki-Zoi Arvaniti, Georgios-Ioannis Poupouzas, Andriani Riza, Eleni Litsiou, Irini Tsiasioti, Nikolaos Athanasiou, Matilda Chroni, Giannis Vatsellas, Fragkiskos Kolisis, Nikoletta Rovina, Nikolaos Mikos, Stylianos Triantos, Vasiliki Gkoulioni, Timokratis Karamitros, Paraskevi Katsaounou

PS-16 Session 344 12:30 - 14:00

Poster session: Biologic therapies in airway diseases: challenging populations

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Cell and molecular biology Pulmonary rehabilitation

Tag(s) : Clinical, Translational

Chairs : Wim Janssens (Leuven, Belgium), Hitasha Rupani (Southampton, United Kingdom), Margaret Gleeson (Dublin, Ireland)

Late Breaking Abstract - Lunsekimig for chronic rhinosinusitis with nasal polyps: results from the DUET trial **PA3705**
Jorge Fernando Maspero (Ciudad Autónoma Buenos Aires, Argentina), Stella Lee, Jorge F. Maspero, Philippe Gevaert, Amber U. Luong, Peter Hellings, Gautier Paux, Audrey Puaud, Julian Lel, Lucia de Prado Gomez, Heribert Staudinger, Benjamin T. Suratt, Megan Hardin, Tracy Doyle

Heterogeneity of Early Responses to Dupilumab in Patients with Severe Asthma: Cluster Analysis of Pulmonary Function Patterns in a Japanese Multicenter Cohort **PA3706**
Kenji Mizumura (Tokyo, Japan), Yasuhiro Gon, Yusuke Kurosawa, Shiho Yamada, Ryosuke Ozoe, Yutaka Kozu, Motoyasu Iikura, Shuichiro Maruoka, Taisuke Akamatsu, Toshihiro Shirai, Sumiko Abe, Norihiro Harada, Kazuhisa Takahashi, Akihiko Tanaka, Hironori Sagara, Katsunori Masaki, Koichi Fukunaga, Konomi Kobayashi, Hiroyuki Nagase, Nobuaki Miyahara, Arihiko Kanehiro, Noboru Kitamura, Naruhiko Sugihara, Fumio Kumasawa, Junko Terada-Hirashima, Masayuki Hojo, Kazuyuki Chibana, Mayoko Tsuji, Etsuko Tagaya

Clinical response to benralizumab in patients with severe eosinophilic asthma in routine clinical practice in Spain according to BMI: ORBE II study **PA3707**
Carlos Martínez Rivera (Barcelona, Spain), Álvaro Martinez-Mesa, Elisa Luzon, Javier Nuevo, Jose Luis Sanchez-Trincado, Alicia Padilla-Galo

Baseline characteristics and clinical response after benralizumab initiation in patients with severe eosinophilic asthma according to severe disease duration: The GALERNA study **PA3708**
Jose Luis Sanchez-Trincado (Madrid, Spain), Alicia Padilla-Galo, Cristina Martin, Gerardo Perez-Chica, Juan Francisco Medina, Maria Carmen Fernandez-Martinez de Septien, Gabriel Niza, Jesus Sanchez, Javier Nuevo, Elisa Luzon, Jose Luis Velasco-Garrido

Clinical response to benralizumab in patients with severe eosinophilic asthma stratified by sex in routine clinical practice in Spain: GALERNA study Juan Antonio Lloret Queralto (Barcelona, Spain), Eva Martinez-Moragon, Alicia Padilla-Galo, Inmaculada Lluch, Jordi Gisbert, Laia Secall, Jose Luis Sanchez-Trincado, Elisa Luzon, Javier Nuevo, Jose Luis Velasco-Garrido	**PA3709**
Impact of early versus delayed biologic therapy initiation on severe asthma outcomes. Margot Ceresola (Bordeaux, France), Mohamed Yassir Errahmani, Pascal Chanez, Bruno Ribeiro-Baptista, Cecile Chenivesse, Camille Taillé, Jesus Gonzales-Bermejo, Pierre-Olivier Girodet, Arnaud Bourdin, Nicolas Molinari, Patrick Berger, Marina Gueçamburu, Maéva Zysman	**PA3710**
The efficacy of biological treatment in severe asthma patients with persistent obstruction - an asthma center perspective Marek Przybyszowski (Kraków, Poland), Grażyna Bochenek, Agnieszka Gawlewicz-Mroczka, Krzysztof Sładek	**PA3711**
Do baseline characteristics predict abolition of airway hyperresponsiveness with biologics in severe uncontrolled asthma? Philipp Suter (Dundee, United Kingdom), Robert Greig, Rory Chan, Brian J Lipworth	**PA3712**
Severe asthma and secondary ciliary dyskinesia: clinical pathological correlations in trial with tezepelumab Giulia Andreotti (Padova, Italy), Stefania Rizzo, Michela Bortoli, Cristina Basso, Giuditta Tregnaghi, Martina Maria Ferrara, Giuliana Grimaudo, Erika Zanardi, Francesca Cassutti, Naile De Almeida Neves, Giulio Albano, Gianenrico Senna, Maria Rita Marchi	**PA3713**
Effect of tezepelumab on lung function in oral corticosteroid-dependent patients with severe asthma and comorbid CRSwNP or CRSsNP in the phase 3b WAYFINDER study Pascal Chanez (Marseille, France), David J. Jackson, Njira L. Lugogo, Mark Gurnell, Liam G. Heaney, Stephanie Korn, Guy Brusselle, Ricardo del Olmo, Lee Baylis, Kinga Salapa, Claudio Marchese, Shradha Chandarana	**PA3714**
Anti-IL-17 therapy attenuates sodium hypochlorite-induced airway hyperresponsiveness and inflammation Brunna Tanaka Oliveira (São Paulo, Brazil), Anna Paula de Lima Costa, Suellen Karoline Moreira Bezerra,, Renato Fraga Righetti, Francine Maria de Almeida, Ana Paula J. Barros, Gabrielle Santos Matos, Soraia Nogueira Felix, Milton de Arruda Martins, Iolanda de Fátima Lopes Calvo Tibério, Beatriz Mangueira Saraiva Romanholo	**PA3715**
IMPACT OF SEVERE ASTHMA PHENOTYPE ON RESPONSE TO TEZEPELUMAB TREATMENT Angel Carmona Gonzalez (Cadiz, Spain), Isabel Castillo Rivillas, Maria del Mar Ugia Ugia Acosta, Sofia Hernandez Gutierrez, Aurelio Arnedillo Muñoz	**PA3716**
Dual Biologic Therapy in Severe Asthma: Real-World Experience at Hospital Clínic de Barcelona Ebymar Arismendi (Vilassar de Dalt, Barcelona, Spain), Silvia López, Marina Paredes, Alberto García De La Fuente, Camilo Rodríguez-Van Strahlen, Georgina Espígol-Frigolé	**PA3717**
Efficacy and safety of mepolizumab in eosinophilic COPD: a Bayesian meta-analysis Ramiro Dourado Maranhão (Goiânia (GO), Brazil), Román Rodríguez Milán, Nyree Nava Nogueda, Muhammad Sharjeel Abbas, Ashfaq Ahmad, Erik Chiong Espinoza, Miguel Ángel Samaniego Laguna, Cristina Valeria Ortíz Sámano, Nissy Alessandra Nava Nogueda, Abdul Basit, Mariano Gallo Ruelas, Samuel Alejandro Gómez Lucas, Flavia Castro Velasco Fernandes	**PA3718**
PREDICTUMAB : a pragmatic head-to-head trial of omalizumab and mepolizumab in eosinophilic and allergic severe asthma. Charles Pilette (Bruxelles, Belgium), Justin Poncin, Nicolas Groux, Claire Camus, Fanny Granado, Marylène Lecocq, Camille Taillé, Cécile Chenivesse, Christelle SaintRaymond, Florence Schleich, Laurent Guilleminault, Antoine Beurnier, Pascal Chanez, Antoine Froidure, Naji Khayath, Jeanne-Marie Perotin-Collard, Olivier Michel, Pierre Brancaleone, Maud Deschampheleire, Rudi Peché, Daniel Rozen, Cindy Barnig, Philippe Bonniaud, Colas Tchérakian, Chantal Raherison, Céline Bugli, Kiswendsida Sawadogo, Arnaud Bourdin, Guy Brusselle, Gilles Devouassoux	**PA3719**
Type 2 inflammation biomarkers predicting dupilumab efficacy in patients with moderate-to-severe asthma Mona Al-Ahmad (Kuwait City, Kuwait), Matteo Bonini, Rohit K. Katial, Simon Couillard, Marco Caminati, Arman Altincatal, Rebecca Gall, Andrew Moraco, Roland Buhl	**PA3720**

Treatment duration and clinical characteristics associated with switching from mepolizumab to benralizumab in severe eosinophilic asthma. **PA3721**
Helle Haagensen Andersen (Brabrand, Denmark), Lene Mølgaard Pedersen, Anne Sofie Bjerrum, Torben Smidt-Hansen, Johannes Martin Schmid

Beyond Type 2 Inflammation: How Obesity Impacts Clinical Remission in Biologic-Treated Severe Asthma **PA3722**
Akter Dilroba (Siena, Italy), Tommaso Pianigiani, Elisa Salvadori, Martina Meocci, Benedetta Picchi, Asia Fanella, Federico Nigroli, Matteo Peruzzi, Laura Bergantini, Elena Bargagli, Paolo Cameli

The efficacy of anti-IL4Rα/I L-13 in severe asthma patients with and without a previous heavy smoking history: a retrospective multicentre real-life study. **PA3723**
Veronica Capuano (Milano, Italy), Francesco Ardesi, Martina Zappa, Patrizia Pignatti, Marco Vanetti, Rosella Centis, Gianna Camiciottoli, Laura Pini, Diego Bagnasco, Benedetta Bondi, Francesco Bini, Bianca Beghè, Giulia Bonaiti, Marco Caminati, Vanessa Ronzoni, Antonio Spanevello, Dina Visca

BREATHE study: T2 biomarkers and treatment patterns in severe asthma patients with and without comorbid CRSwNP. **PA3724**
Iñigo Ojanguren Arranz (SANT CUGAT DEL VALLÉS, Spain), Gema Monteagudo, Marta Robles, Francisco Ramos-Lima, Marta Alegria, Manuel Rial

PS-17 Session 345 12:30 - 14:00

Poster session: Targeting inhalation therapy in airway diseases

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Physiology Cell and molecular biology Public health

Tag(s) : Clinical, Translational , Digital health

Chairs : Sachin Ananth (London, United Kingdom), Lies Lahousse (Ghent, Belgium), Claudio Sorino (Cantù (COMO), Italy)

Late Breaking Abstract - Non-invasive lung-targeted MSC-Exos therapy improves pathological and functional impairments in COPD **PA3725**
jiao ma (LangFang, China), Yuxuan Hou, Zheng Liu, Tao Cui, Yiran Meng

Should all patients admitted to hospital with COPD exacerbation be escalated to inhaled triple therapy? - A single-centre audit **PA3726**
Hui Ping Lee (Birmingham, United Kingdom), Usama Al-Siyabi, Sameel Elahi, Ria Varma, Tomona Takeda, Fathima Hasnaa Irfan, Saad Muhammad, Ghazy Mohamed, Manish Pagaria

A Single-Arm Study of Patient Satisfaction and Clinical Outcomes with an Anti-Inflammatory Reliever Algorithm in relation to Baseline GINA Step **PA3727**
Ross Sayers (Wellington, New Zealand), Pepa Bruce, Claire Houghton, Lee Hatter, Mark Holliday, Augustus Anderson, Ryan Cullen, Allie Eathorne, John Martindale, Jenny Sparks, Ian Pavord, Alberto Papi, Mark Weatherall, Richard Beasley

Impact of aging on high-dose inhaled corticosteroid use and specialist care management in patients with asthma – a Danish nationwide cohort study **PA3728**
Alma Holm Rovsing (København NV, Denmark), Kjell Erik Julius Håkansson, Erik Sören Halvard Hansen, Howraman Meteran, Peter Ascanius Jacobsen, Nicklas Brustad, Ulla Møller Weinreich, Charlotte Suppli Ulrik

Late Breaking Abstract - A Phase III, Randomized, Multicentre, Active controlled study to evaluate Fluticasone Furoate, Umeclidinium and Vilanterol in Uncontrolled Asthma Management **PA3729**
Dipesh Sonawane (Mumbai, India), Piyush Arora, Sunil Kumar, Sarat Kumar Behera, M. Swapna, Gaurav Ghatawat Bhanwarlal, Rahul Gupta, Avdhesh Kumar, Kadian Sandeep Kumar, Vulli Venkatesh, Diptikant Sahoo, Manjunath H k, Jaydeep Deb, Santosh Honnavar, Ajit Singh, Hirennappa B Udnur, Shafee Mohammed Khan Nazir Khan, Nana Gokul Kunjir, Sahebrao Kondiba Toke, Vani Raja Thinakar, Ved Saoji, Dipak Patil, Pravin Ghadge, Suyog Mehta

Ipratropium/salbutamol in early-stage chronic obstructive pulmonary disease: a double-blind, parallel group, multicentre randomised clinical trial **PA3730**
Zihui Wang (Guangzhou, China)

Comparative efficacy of once-daily LAMA/LABA combinations versus tiotropium on constant-work-rate cycle endurance in COPD: a randomized crossover pilot study (COMPETE) **PA3731**
Jakub Mróz (Nowodworce, Poland), Łukasz Minarowski, Adam Hołownia, Robert M. Mróz

Moisture management in beclomethasone dipropionate metered dose inhalers: failure analysis in storage, cleaning and inhalation technique **PA3732**
Frederik Trinkmann (Heidelberg, Germany), Frauke Brückmann, Hannah Backes, Stephan Liersch

Effects of dual bronchodilation on health-related quality of life and exercise physiology in patients with newly diagnosed moderate-to-severe chronic obstructive pulmonary disease: a real-world study Ieva Dimiene (Kaunas, Lithuania), Deimante Hoppenot, Kristina Bieksiene, Skaidrius Miliauskas	**PA3733**
Clinical impact of treatment–biomarker mismatch on exacerbation patterns in COPD Patients with prior exacerbations Yi luen Shen (Taichung City, Taiwan), Chien-Wen Huang, Yao-Tung Wang, Chun Hui, Wei-Chang Huang	**PA3734**
Exploratory assessment of real-world effectiveness of an extrafine triple therapy with beclometasone dipropionate (BDP), formoterol (FF), and glycopyrronium (G) in COPD patients with chronic bronchitis defined by CAT Lineu Baldissera Jr (Parma, Italy), Alberto Papi, Dave Singh, Guy Brusselle, Petros Bakakos, Daiana Stolz, Paola Rogliani, Luca Di Palma, Elena Nudo, Laura Franzini, Alessio Piraino	**PA3735**
Comparative effects of triple inhaled therapy with budesonide/glycopyrronium/formoterol versus fluticasone furoate/umeclidinium/vilanterol on small airway disease in COPD patients: a randomized crossover study Peerawat Kaewkeeyoon (Mahasarakham, Thailand), Narongkorn Saiphoklang, Naphitchaya Wiriya	**PA3736**
Disease control and stability in early-treated COPD patients with extrafine triple therapy with beclometasone dipropionate, formoterol, and glycopyrronium Petros Bakakos (Athens, Greece), Paola Rogliani, Daiana Stolz, Alessio Piraino, Elena Nudo, Roberto Pizzoccheri, Luca Di Palma, Guy Brusselle	**PA3737**
Late Breaking Abstract - Real-world inhalation drug dispensing patterns of COPD patients in Sweden Helena Backman (Lulea, Sweden), Federico Pollastri, Sabrina Meisgen, Emil BojsenBojsen-Møller	**PA3738**
Real-world outcomes of early treatment with extrafine beclometasone dipropionate, formoterol, and glycopyrronium in COPD patients Luca Di Palma (Parma, Italy), Paola Rogliani, Daiana Stolz, Petros Bakakos, Alessio Piraino, Elena Nudo, Roberto Pizzoccheri, Guy Brusselle	**PA3739**
Patient reported outcomes, sleep quality, and physical activity in COPD patients on beclometasone dipropionate/formoterol fumarate/glycopyrronium (BDP/FF/G) dry powder inhaler fixed single triple therapy (DPIFSTT): 6-month TriNEXT realworld results Elodie Schneider (PARIS, France), Capucine Morelot-Panzini, Hervé Pegliasco, Christine Contré, Abdel-Kader Diaw, Mathilde Esling, Maxime Beutelstetter, Nathalie Texier, Mariella D'Amato, Cristina Represas, Philippe Devillier	**PA3740**
Achieving disease stability in COPD: Post-hoc analyses of TRILOGY, TRINITY and TRIBUTE Dave Singh (Manchester, United Kingdom), Maureen Tham, Carolyn Beaudot, Alessio Piraino	**PA3741**
Plasma metabolomic signatures associated with inhaled corticosteroid requirements in clinically stable asthma: A prospective observational study Hyun Woo Lee (Seoul, Republic of Korea), Young Jin Pyung, Jung-Kyu Lee, Cheol-Heui Yun, Deog Kyeom Kim	**PA3742**
Potential Impact of Extra-fine BDP/FF/GB Triple Therapy on Dynamic Hyperinflation Assessed by Metronome Paced Tachypnea in COPD: A Longitudinal Pilot Study Giuseppe Luciano (Casoria, Italy), Giuseppe Picardi, Silvia Sorbino, Chiara Scoppetta, Raffaella Pagliaro, Andrea Bianco, Fabio Perrotta	**PA3743**
A prospective, observational, real-world analysis of the effects of different as-needed low-dose inhaled corticosteroid–formoterol combinations in asthma control Aytan İsmayılova (Istanbul, Türkiye), Buket Caliskaner Ozturk, Gunay Can, Bilun Gemicioglu	**PA3744**

PS-18 Session 346 12:30 - 14:00

Poster session: Mind the gap in asthma care

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Epidemiology Pulmonary function testing Cell and molecular biology General respiratory patient care Public health Imaging

Tag(s) : Clinical, Translational

Chairs : Paolo Palange (Rome, Italy), Claudia Gagliani (Palermo, Italy), Mario Castro (Kansas City, United States)

Late Breaking Abstract - Real-world value of personalised risk-adaptive biologic initiation: a dynamic decision simulation Anqi Liu (Singapore, Singapore), David B. Price, Mohsen Sadatsafavi, Paul E. Pfeffer, Pierre-Regis Burgel, Celine Bergeron, Christer Janson, Richard Beasley, Matthew J. Peters, Michael E. Wechsler, Nikolaos G. Papadopoulos, Todor A. Popov, Chin Kook Rhee, Chandra Prakash Yadav, Tae Yoon Lee, Mariko Siyue Koh, Eileen Wang, David J. Jackson, John Busby, Liam G. Heaney, Bassam Mahboub, Diahn-Warng Perng, Borja G. Cosio, Luis Perez-de-Llano, Riyad Al-Lehebi, Désirée Larenas-Linnemann, Mona Al-Ahmad, Takashi Iwanaga, Enrico Heffler, Giorgio Walter Canonica, Richard W. Costello, Andriana I. Papaioannou, Celeste M. Porsbjerg, Carlos A. Torres-Duque, George C. Christoff, Mark Hew, Peter G. Gibson, Jorge Máspero, Saraid Cerda Reyes, Elvia Angelica Contreras Contreras, Wenjia Chen	**PA3745**
Clinical Utility of CASA-Q in patients with Asthma and Asthma–COPD Overlap Ryuki Yamada (Fukushima, Japan), Yasuhito Suzuki, Junpei Saito, Mami Rikimaru, Tetsuya Egawa, Takahiro Kumanaka, Ryutaro Tanaka, Kentaro Kazama, Koshi Saito, Rina Harigane, Riko Sato, Hikaru Tomita, Natsumi Watanabe, Takashi Umeda, Ryuichi Togawa, Yuki Sato, Xintao Wang, Kenya Kanazawa, Yoshinori Tanino, Yoko Shibata	**PA3746**
Long-term adult-onset asthma: first follow-up data exploring asthma control and healthcare use Michelle van der Ploeg (Leeuwarden, Netherlands), Iggy Schutte, Willemijn IJspeerd, Ilse Boudewijn, Kim de Jong, Johannes Anton Kroes, Anneke ten Brinke	**PA3747**
Inhaled corticosteroid intensification and subsequent oral corticosteroid use after asthma-related emergency room visits Michelle van der Ploeg (Leeuwarden, Netherlands), Willemijn IJspeerd, Anneke ten Brinke, Kim de Jong, Ilse Boudewijn, Johannes Anton Kroes	**PA3748**
Impact of an asthma exacerbation clinic on patient management trajectory Ann-sarah Trudeau (Quebec, Canada), Neige Céré-Tremblay, Marie-Ève Boulay, Annie Roy, Geneviève Boutin, Laurianne Beauchemin, Geneviève Parent-Racine, Keven Bergeron, Jakie Guertin, Lyne Ringuette, Jennifer Jobin, Pierre-Alexis Lépine, Krystelle Godbout, François Maltais, Andréanne Côté	**PA3749**
Patient voices on real-world challenges in older adults with severe asthma: first results of a qualitative study Stefania Principe (Amsterdam, Netherlands), Daan J.W. van den Akker, Barbara C. Groot - Sluijsmans, Betty Frankemölle, Dominique Harmelijnck, Susanne J.H. Vijverberg	**PA3750**
Asthma patients with dysfunctional breathing are characterised with breathing pattern variability Panagiotis Sakkatos (Patra, Greece)	**PA3751**
Estimating response to inhaled asthma medication using a multivariate time-series method Garrett Greene (Dublin, Ireland), Atefeh Moradi, Ciara Ottewill, Richard W. Costello	**PA3752**
Association of increasing morningness chronotype, insomnia severity, sleep duration with health-related quality of life in adult patients with asthma: a cross-sectional study Olayemi Fehintola Awopeju (Ile-Ife (Osun State), Nigeria), Olufunmilayo Oguntoye, Azemobor Osigbeme	**PA3753**
Clinical and spirometric characteristics for asthma with elevated serum total IgE: a multicenter cross-sectional study. Tao Zhu (Suining, China), Shunzhou Xiao, Wei Xiong, Hanchao Wang	**PA3754**
Evaluating the clinical utility of standardized proforma in asthma clinics: a multi-disciplinary survey Joseph Kerins (Dublin, Ireland), Adeline Tan, Ruth P Cusack, Fatima Gargoum, Michael J Harrison	**PA3755**
Validation of the Italian version of the Severe Asthma Questionnaire (SAQ) and its relationship with small airway dysfunction (SAD) Luca Paita (Firenze, Italy), Greta Insalata, Elisa Bentivegna, Alessia Catalisano, Chiara Allegrini, Gianna Camiciottoli, Federico Lavorini	**PA3756**
Wellbeing measures and neuroimaging outcomes in patients with T2-high severe asthma, a mediation analysis of baseline data in the CONTENTed study. George W Nava (Bristol, United Kingdom), Mariana da Silva, Victoria Cobham, Caitlin R Morgan, Jack S Grenville, Rahul Shrimanker, Ben Ainsworth, Paul White, Paul W Jones, Tom R Barrick, James W Dodd	**PA3757**
Three-year outcome trajectories by age in severe asthma: evidence from the Swiss Severe Asthma Registry Fabienne Jaun (Liestal, Switzerland), Maria Boesing, Giorgia Luethi-Corridori, Corinne Allgeier-Smith, Pierre-Olivier Bridevaux, Martin Brutsche, Florian Charbonnier, Christian F. Clarenbach, Jean-Marc Fellrath, Pietro Gianella, Anja Jochmann, Lukas Kern, Nikolay Pavlov, Esther Helen Stevelin, Christophe von Garnier, Joerg D. Leuppi	**PA3758**

Characteristics and mechanisms of obesity-related severe asthma: a large-scale multi-omic analysis **PA3759**
Jiashu Shen (Oxford, United Kingdom), Nazanin Zounemat-Kermani, Benjamin Mappin-Kasirer, Freda Yang, Chloe Bloom, Sven-Erik Dahlen, Ian Pavord, James Chalmers, Ian Adcock, Timothy Hinks

Sputum burden as important treatable trait for severe asthma patients on biologics **PA3760**
Yetunde Opeyemi Isa (Salford, United Kingdom), Gaël Tavernier, Helen Birkett, Natty Sinclair, Kerry Hince, Lorna Maguire, Ellen Greenlees, Stephen J. Fowler, Thomas Pantin

Distinct nailfold videocapillaroscopic microvascular abnormalities differentiate eosinophilic granulomatosis with polyangiitis from severe asthma: a pilot study. **PA3761**
Veronika Weiss (Mortara, Italy), Ilaria Gandin, Chiara Bozzi, Marileda Novello, Chiara Torregiani, Antonio Romallo, Renata Greco, Micol Pividori, Paola Confalonieri, Marco Confalonieri, Barbara Ruaro

Dynamic FeNO Trajectories Predict Efficacy and Enable Early Warning in Dupilumab-Treated Severe Asthma **PA3762**
Haixing Zhu (Shanghai, China), Huacheng Yan, Wei Tang, Yiwei Zhou

Canadian primary care asthma management: Regional variation in demographics and practice patterns using the Canadian Primary Care Sentinel Surveillance Network (CPCSSN) **PA3763**
Matheson L. McFarlane (Kingston, Canada), Alison Morra, Rebecca Theal, David Barber, M. Diane Lougheed

Unveiling the Role of Small Airways in Asthma: Population-Based Analysis of Characteristics, Risk Factors, and Diagnostic Utility **PA3764**
Wuping Bao (Shanghai, China), Yanmei Lin, Yan Zhou, Wen Hua, Min Zhang

PS-19 Session 347 12:30 - 14:00

Poster session: Molecular and cellular mechanisms in airway disease

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Physiology Cell and molecular biology Endoscopy and interventional pulmonology Imaging Pulmonary function testing

Tag(s) : Basic science, Digital health, Translational

Chairs : Ian M. Adcock (London, United Kingdom), Manali Mukherjee (Hamilton (ON), Canada), Bart Hilvering (Utrecht, Netherlands)

Late Breaking Abstract - Regulation of Bronchioalveolar Stem Cells in health and disease **PA3765**
Chiara Mura (Bad Nauheim, Germany), Isabelle Salwig, Thomas Braun

The NSUN2-YBX1-GLUTs axis exacerbates COPD by coupling glycolysis to pro-inflammatory macrophage activation **PA3766**
Bingxin Guo (Shenzhen, China), Ran Zeng, Jiacheng Zhong, Ruoyan Xiong, Qiuchun Shen, Xin Fan, Qiuchun Shen, Lingwei Wang, Shanze Chen

ExHaled Nitric Oxide Measurements to Predict the Risk of Exacerbations in COPD (HOPE): variability assessment study **PA3767**
Kateryna Gashynova (Freiburg im Breisgau, Germany), Eleni Papakonstantinou, Andreas Hoheisel, Saskia Kiefer, Mousumi Sanyal, Björn Frye, Sebastian Fähndrich, Daiana Stolz

Visit-to-visit FeNO variability predicts outcomes in routine-care adult asthma **PA3768**
Reshed Abohalaka (Göteborg, Sweden), Bright Nwaru, Hannu Kankaanranta, Madeleine Rådinger, Caroline Stridsman, Jon Konradsen, Fredrik Nyberg, Apostolos Bossios, Lies Lahousse, Lowie Vanfleteren

Association of Fractional exhaled nitric oxide with treatable traits and severity in Asthma Patients: A cross sectional study **PA3769**
Deependra Kumar Rai (Patna, India), Dhruv Talwar, Saurabh Karmakar, Somesh Thakur, Niraj Kumar Singh, Parul Sharma, Sreyashi Pal, Swati Swati, Shivam Sinha

A potential functional role of vasculature on computed tomography in patients with asthma. **PA3770**
Kaoruko Shimizu (Sapporo, Japan), Naoya Tanabe, Shotaro Chubachi, Hirokazu Kimura, Ichizo Tsujino, Hironi Makita, Masaharu Nishimura, Satoshi Konno

Persistent hyperhomocysteinemia as an additional prognostic marker beyond the BODE index in COPD **PA3771**
Shakhnoza Kuchkarova (Tashkent, Uzbekistan), Elnora Abduganieva, Humoyun Kuchkarov

Prognostic blood biomarkers of chronic obstructive pulmonary disease in metabolic syndrome **PA3772**
Jonathan Gauci (Swieqi, Malta), Stephanie Gauci Pullicino, Emma Caruana, Vanessa Petroni Magri, Melissa M Formosa, Anthony Fenech, Stephen Fava, Stephen Montefort, Peter Fsadni

Associations of Neutrophil-percentage-to-albumin, Neutrophil-to-lymphocyte and Eosinophil-to-lymphocyte Ratios with the Incidence and Prognosis of Preserved Ratio Impaired Spirometry (PRISm): Findings from NHANES 2007-2012 **PA3773**
Tian Li (Shanghai, China), Wujian Xu, Di Wu, Ximing Liao, Wei Gao, Rongzhang Chen

Multi Kernel Learning Identifies High-Risk Smokers for Future Airway Remodeling **PA3775**
Firoozeh Gerayeli (Boston, United States), Margherita De Marzio, Zaid W. Elhusseini, Jarrett D. Morrow, Enrico Maiorino, Craig P. Hersh

Digital sputum imaging for eosinophil cytolysis: a functional marker in severe asthma **PA3776**
Nanna Dyhre-Petersen, Anna Rosa Wendel Oschlak, Mats Erikson, Annelie McCorkindale, Veronika Jenei, Celeste Porsbjerg, Laurits Frøssing

Natural Killer Cell Dysfunction in Severe Asthma: Differential Effects of Benralizumab With and Without Oral Corticosteroids **PA3777**
Laura Bergantini (siena, Italy), Irene Paggi, Alessandra Vultaggio, Andrea Matucci, Tommaso Pianigiani, Matteo Accinno, Michael Diomaiuti, Elena Bargagli, Paolo Cameli

Serum eosinophil-derived neurotoxin and indicators of uncontrolled asthma in adults **PA3778**
Selin Özuygur Ermis (Gothenburg, Sweden), Carina Malmhäll, Magnus P. Borres, Robert Movèrare, Reshed Abohalaka, Selin Ercan, Göran Wennergren, Madeleine Rådinger, Hannu Kankaanranta, Bright I. Nwaru

Characterising extracellular matrix contributions to early origins of COPD using novel in vivo imaging and advanced CT techniques **PA3779**
Alastair Watson (Cambridge, United Kingdom), Alex Kong Chia Wei, Tom Havelock, Michael Bennett, Maria Humbert, Cosma Mirella Spalluto, Jodie Ackland, Ashley Heinson, Aruna T. Bansal, Margherita Francescatto, Rodrigo Nava, Benjamin Welham, Tommaso Morelli, Martha Purcell, Kristoffer Ostridge, Karl J. Staples, Tom Wilkinson

Statin lipophilicity and incident exacerbations in obstructive airway disease: A nationwide cohort study **PA3780**
Sam Beckx (Ghent, Belgium), Frauke Van Vaerenbergh, Lies Lahousse

Phenotypic Classification of COPD Exacerbations Using Exhaled Air Biomarkers **PA3781**
Claudia Almaraz (Palma de Mallorca, Spain), Bartomeu Mestre Cañas, Nuria Toledo Pons, Sofia Tejada Magraner, Amanda Iglesias Coma, Claudia Alejandra Almaraz Lopez, Marina Heine Pérez, Meritxell López Zamora, Ruth Engonga Gutiérrez, Sabina Perelló Roselló, Joaquin Monteagudo Rodriguez, Roberto De la Rica Quesada, Francisco De Borja García-Cosío Piqueras, Amanda Iglesias Coma

Exhaled volatile organic compounds metabolomics for precise etiological diagnosis of chronic cough **PA3782**
nan zhou (shanghai, China), Haodong Bai, Junqi Wang, Minhua Peng, Xianghuai Xu, Li Yu

The relationship between concomitant allergic rhinitis with serum leptin and IL-6 levels in asthmatic patients **PA3783**
Buket Eröz (Istanbul, Türkiye), Büşra Kulaksız, Yasin Kulaksız, Birsen Pınar Yıldız

Predicting Asthma Exacerbations and Response to OCS Using Breath Profiles **PA3784**
Sanne van Deelen (Rotterdam, Netherlands), AnneLotte Redel, Michelle Geertse, Gerdien Tramper-Stranders, GertJan Braunstahl

PS-2 Session 348 12:30 - 14:00

Poster session: Current clinical problems in respiratory medicine II

Disease(s) : Interstitial lung diseases | Thoracic oncology | Airway diseases | Pulmonary vascular diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Pulmonary function testing | Imaging | Public health | Physiology | Cell and molecular biology | Endoscopy and interventional pulmonology | Transplantation

Tag(s) : Clinical

Chairs : Rocco Francesco Rinaldo (Torino (TO), Italy), Alexandra A.J. de Rotte (Nieuwegein, Netherlands), Francois Abel (Lambton, Australia)

Late Breaking Abstract - Pulmonary macrophage transplantation (PMT) therapy of human hereditary pulmonary alveolar proteinosis (hPAP) **PA3785**
Bruce Trapnell (Cincinnati, United States), Paritha Arumugam, Brenna Carey, Matthew Willmering, Jason Woods, Jeffrey Krischer

Nasal high flow oxygen in patients with exacerbation COPD or pneumonia, a randomized controlled trial **PA3786**
Lian Trapman (Nieuwgein, Netherlands), Wendy Giezen, Willemien A. Nienhuis

Wafting (Blow-by) oxygen therapy in pre-school children admitted with respiratory illness: size of the problem, resource implications and a search for solutions. Manjith Narayanan (Newcastle-upon-Tyne, United Kingdom), Divya Obla Amar Bapu, Millie Scott, Liang Zhao, Umair Khan	**PA3787**
Baseline IL-6, oxygen requirement and adipose tissue loss in a cohort of patients with moderate to sub-intensive COVID-19. Katarzyna Plewka-Barcik (Warsaw, Poland), Krzysztof Kłos, Andrzej Chciałowski	**PA3788**
Racial Differences in Reported COPD Symptomatology by MMRC and CAT Scores Andrew Gangemi (Philadelphia, United States), Erika Helgeson, Sarah Linberg, Helen Voelker, Gerard Criner, On behalf of HIFLO COPD Research Group	**PA3789**
Association of Baseline Psychiatric Comorbidities with Hospitalization Rate in an Enriched Population of COPD Patients Andrew Gangemi (Philadelphia, United States), Erika Helgeson, Sarah Linberg, Sarah Voelker, Gerard Criner, On behalf of HIFLO COPD Research Group	**PA3790**
Iron deficiency by transferrin saturation as a predictor of symptom burden and recovery post hospitalization for COPD exacerbation Yukiko Kunitomo (Baltimore, United States), Aparna Balasubramanian, Nirupama Putcha	**PA3791**
Evaluation of a specialist lung nodule service: can we prevent unnecessary scans? Zin Nge Nge Sein (Oxford, United Kingdom), Alexander Howson, Paula Perkins, Catharine Pearce, Kate Cockcroft, Benjamin Rowlands, Barbara Flont, Matthew Murphy, Elizabeth O'Donovan, Alexander Wood, Alexander Spiers, John Corcoran, Rebecca Wollerton	**PA3792**
The gut–lung axis in respiratory diseases: a review of current evidence and mechanisms Amani SAYHI (Sousse, Tunisia), Balsam Barkous, Fatma Guezguez, Salma Bouslema, Ines Ghannouchi, Sonia Rouatbi	**PA3793**
Combined pulmonary fibrosis and emphysema (CPFE) is associated with increased mortality: a retrospective cohort study Keting Min (Shanghai, China)	**PA3794**
Real-world analysis of early corticosteroid therapy and outcomes in radiation pneumonitis Atieh Ashkezari (Yonkers, United States), Joshua Wang, Sharad Chandrika	**PA3795**
Evaluating the Diagnostic Accuracy of Large Language Models in Emergency Respiratory Cases Konstantinos Exarchos (Ioannina, Greece), Apostolos Kittas	**PA3796**
Impact of Positive End-Expiratory Pressure on Cerebral Hemodynamics: Influence of Alveolar Recruitment and Hyperinflation Edvane Aparecida Braz Araujo Silva (Poços de Caldas, Brazil), Giovanna Gouveia, Gabriel Rodrigues, Mariana Vidal, Myrna Ohana, Laiane Macêdo, Leticia Simon, Sofia Couto, Maria Paiva, Larissa Melo, Carolaine Ridolfi, Luciana Sampaio	**PA3797**
Impact of Enzyme Replacement Therapy on Respiratory Function in a Patient with Late-onset Pompe Disease Mia Markusi (Zagreb, Croatia), Hrvoje Puretić, Anamarija Štajduhar, Ena Tolić, Matea Zvonar, Ana Oreški, Gordana Pavliša	**PA3798**
Exploring the association between asthma and Alpha-1 Antitrypsin Deficiency (AATD): A comprehensive scoping review Karthik Reddy Samala (Liverpool, United Kingdom), Shin Lin Latt, Kevan Hilemichel, Aravind Ponnuswamy	**PA3799**
Diagnostic Gaps in Spirometry-Confirmed COPD Across Four Low- and Middle-Income Countries Dhiraj Agarwal (Pune (Maharashtra), India), Ee Ming Khoo, Rita Isaac, Osman M Yusuf, Samir K Saha, Hilary Pinnock	**PA3800**
Clinical course and one-year recurrence in hospitalized patients with bronchiectasis-related hemoptysis Sida Gösterici (İstanbul, Türkiye), Fatma Tokgöz Akyıl, Sevdenur Özer Bilkay, Çiğdem Sabancı, Hülya Abalı, Özgür İşgörücü	**PA3801**
Performance Evaluation of ABACAS AI Cough Analysis System in a Chronic Cough Cohort Terence Taylor (Clare, Ireland), Helen Venn, Denis Drennan, Helen Venn, Yaniv Zigel, Laura Kütt, Olivier Poirot, Michael Kitt, Jaclyn Smith	**PA3802**

Atypical progressive lung disease in MZ Alpha-1 Antitrypsin Deficiency: A potential role for RPA1 variants **PA3803**
Rachel Mulpeter (Donegal, Ireland), Tomás Carroll, Emma Farrell, Suzanne Roche, Michelle Casey, Noel Gerard McElvaney

E-cigarette–associated lung injury mimicking interstitial lung disease: a case report **PA3804**
Elif Karabacak Mutlu (İstanbul, Türkiye), Mehmet Oğuz Meşe, Cansu Yıldız, Umut Sabri Kasapoğlu, Derya Kocakaya, Sait Karakurt, Mustafa Erdoğan, Özlem Demircioglu, Kadir Kolcak, Emine Bozkurtlar

PS-20 Session 349 12:30 - 14:00

Poster session: Alpha-1 antitrypsin deficiency: from underdiagnosis to targeted care

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Pulmonary function testing Imaging Public health

Tag(s) : Clinical, Translational

Chairs : Ilaria Ferrarotti (Pavia, Italy), Cristina Aljama Vizcarra (Reus, Spain), Jeanine D'Armiento (New York, United States)

Late Breaking Abstract - Disruption of a Ciliary ROS–Ca^{2+}/cAMP Homeostatic Circuit Drives Mucociliary Dysfunction in COPD **PA3805**
Wenjun Wang (Guangzhou, China), Lin Chen, Shiyong Guo, Xingguo Liu, Lei Wang

Functional stratification in Alpha-1 Antitrypsin Deficiency: clinical phenotypes and comorbidity burden in the Portuguese EARCO registry **PA3806**
Mariana Hipólito-Reis (Porto, Portugal), Beatriz Baptista, Helena Carvalho, Filipa Correia, Catarina Guimarães, Raquel Marçôa, Filipa Costa, Joana Gomes, Maria Sucena, Tiago Oliveira

Z-alpha-1 Antitrypsin Polymers: Evaluating Their Role in Liver Injury Across Diverse AATD Genotypes, Including ZZ, SZ, and Rare Variants **PA3807**
Arturo Olivares Rivera (Heidelberg, Germany), Julia Held, Philipp Höger, Hilal Ersöz, Enikö Fuchs, Susanne Dittrich, Sabina Janciauskiene, Felix Herth, Franziska Trudzinski

The G270D variant: A novel alpha-1 antitrypsin deficiency mutation presenting with panniculitis **PA3808**
Emma Farrell (Dublin, Ireland), Rebecca Fitzgerald, Mark Murphy, Caitriona Breathnach, Suzanne Roche, Rachel Mulpeter, David Quigley, Tómas McHugh, Laith Bedri, Stefania Ottaviani, Ilaria Ferrarotti, Tómas Carroll, Gerard McElvaney

Bronchodilator responsiveness in Alpha-1 Antitrypsin Deficiency: Comparison of the 2005 and 2022 ERS/ATS criteria **PA3809**
Helena Isabel Moreira Carvalho (Porto, Portugal), Beatriz Baptista, Inês Rodrigues, Catarina Guimarães, Raquel Marçoa, Filipa Costa, Nuno Faria, Maria Sucena

Screening high-risk respiratory patients for Alpha-1 Antitrypsin Deficiency: Genotype–Phenotype associations **PA3810**
Ana Paola Hernández Cristancho (Barcelona, Spain), Manuela Herrera Tamayo, Laura Ferran, Cinthia Nuñez, Jin You, Maria Pilar Muñoz, Rosanel Amaro

Serum Alpha1 Antitrypsin Level and Alpha1 Gene Mutation Frequency in Patients with Chronic Obstructive Pulmonary Disease in Mersin Province **PA3811**
güldeste köse (ankara, Türkiye), Mukadder Çalıkoğlu, Demet Polat Yulug

Clinical heterogeneity and risk factors in PI*SZ alpha-1 antitrypsin deficiency: a bicentric retrospective study **PA3812**
Edurne Echevarría Guerrero (Burgos, Spain), Pablo Cámara Salmerol, Raquel Edith Sorto Bueso, Valeria Paulina Pérez Guamán, Jon Caballero Campos, Javier Álvarez Albarrán, Soraya Fernández Gay, Laura Cortezón Garces, Eva Tabernero Huguet

Alpha-1 foundation research registry: lung and liver comorbidities of AATD patients in the united states and the need for multidisciplinary care **PA3813**
Alison Keaveny (Coral Gables, United States), Nadine Nuchovich, Jeanine D'Armiento, Sabrina Palumbo, Jennifer Illarramendi, Laura Fonseca, Randel Plant, Monica Goldklang

Rare AATM genotypes in homozygous expression: Clinical observations on PiPLowell and PiMHeerlen **PA3814**
Hilal Ersöz (Heidelberg, Germany), Philipp Höger, Arturo Olivares-Rivera, Konstantina Kontogianni, Sandra Tielke, Ralf Eberhardt, Timm Greulich, Martina Veith, Sabina Janciauskiene Wallmark, Felix Herth, Franziska Trudzinski

Beyond spirometry: oscillometry detects early small airway disease in heterozygous alpha-1 antitrypsin deficiency — **PA3815**
Giulia Lo Muzio (Pescara, Italy), Franco Chiaravalloti, Chiara Di Simone, Antonietta Esposito, Claudia Franciosa, Giovanni Piemontese, Pierpaolo Prosperi, Giuseppe Tenaglia, Giacomo Zuccarini

Genotype and clinical predictors of disease progression in alpha-1 antitrypsin deficiency: a real-world longitudinal analysis of the Irish National Registry — **PA3816**
Suzanne Margaret Roche (Dublin, Ireland), Emma Farrell, Caitriona Breathnach, David Quigley, Tomás McHugh, Rachel Mulpeter, Éamon Mullen, Rosaleen Carroll, Ronan Heeney, Laith Bedri, Anne Marie O'Dowd, Emma Leacy, Rebecca Fitzgerald, Lucy Kirwan, Léa Gaume, Mairéad Rowland, Georgia Bateman, Mark Murphy, Michelle Casey, Cedric Gunaratnam, Tomás Patrick Carroll, Noel Gerry McElvaney

Health-Related Quality of Life Assessed by EQ-5D in Patients with Alpha-1 Antitrypsin Deficiency from the EARCO Registry — **PA3817**
Cristina Aljama Vizcarra (Reus, Spain), Ane Lopez-Gonzalez, Galo Granados, Maria Torres-Durán, Alice M Turner, Hanan Tanash, Carlota Rodríguez, Robson A Prudente, Angelo G Corsico, Eva Bartošovská Klincová, Juan Luis Rodríguez-Hermosa, Kenneth R. Chapman, David Parr, José Luis López-Campos, Vincent Bunel-Gourdy, Jean-François Mornex, Miriam Barrecheguren, Marc Miravitlles, Cristina Esquinas

COPD Assessment Test (CAT) in alpha-1 antitrypsin deficiency: Data from EARCO Registry. — **PA3818**
Ane Lopez-Gonzalez (Barcelona, Spain), Cristina Aljama, Galo Granados, Miriam Barrecheguren, María Torres-Durán, Alice M Turner, Hanan Tanash, Carlota Rodriguez, Robson A. Prudente, Angelo Corsico, Eva Bartošovská Klincová, Juan Luis Rodríguez-Hermosa, Kenneth R. Chapman, David Parr, José Luis López-Campos, Vincent Bunel-Gourdy, Jean-François Mornex, Marc Miravitlles, Cristina Esquinas

Hidden in plain sight: improved detection of rare SERPINA1 variant Mmalton in alpha-1 antitrypsin deficiency — **PA3819**
Ronan Heeney (Dublin, Ireland), Anne-Marie O'Dowd, Suzanne Roche, Emma Farrell, Orla Cahalane, Illaria Ferrarotti, Gerry McElvaney, Tomás Carroll

AI-based quantitative CT reveals structural heterogeneity in Pi*ZZ alpha-1 antitrypsin deficiency — **PA3820**
Tjeerd van der Veer (Amsterdam, Netherlands), Sarah Ettayeby, Casper Timmer, Jochem van der Heijden, Jean-Paul Charbonnier, Emily van 't Wout, Harm Tiddens

Circulating α1-antitrypsin polymers as long-term prognostic markers in alpha-1 antitrypsin deficiency (AATD): six-years follow-up — **PA3821**
Cristina Aljama Vizcarra (Reus, Spain), Robson A Prudente, Gerard Orriols, Alexa Núñez, Ane Lopez-Gonzalez, Galo Granados, Marian Ramon, Cristina Esquinas, Roser Ferrer, Pablo Gabriel-Medina, Marc Miravitlles, Miriam Barrecheguren

Ultra-rare MProcida/MProcida alpha-1 antitrypsin deficiency patients: a clinical and anthropologic approach — **PA3822**
Effrosyni D. Manali (Athens, Greece), Martina Veith, Frangiskos Frangopoulos, Tonia Adamide, Ilaria Ferrarotti, Andriana I. Papaioannou, Paraskevi Koutra, Angelos Souleles, Georgios Pitsidianakis, Apostolos Malatras, Dionysios Fanidis, Malika-Leila Balduyck, Stefania Ottaviani, Maria Kallieri, Danae Flouri, Nicoletta Olympiou, Kalliopi Vandorou, Vasiliki Athanasopoulou, Farid Zerimech, Marie-Françoise Odou, Magali Dechomet, Lykourgos Kolilekas, Nikolaos Tzanakis, Spyridon Prountzos, Vincent Cottin, Gernot Rohde, Claus Vogelmeier, Timm Greulich, Jean-François Mornex, Christina Papageorgopoulou, Constantinos Deltas, Spyros A. Papiris

Late Breaking Abstract - RNA editing for the treatment of alpha-1 antitrypsin deficiency (AATD): interim results from RestorAATion-2 — **PA3823**
Kenneth R. Chapman (Toronto (ON), Canada), Cynthia Caracta, Alice Turner, Pavel Strnad, Matthew Conron, William Griffiths, Paul Hernandez, John Hurst, Heli Yla-Outinen, Varun Goel, Joseph Haegele, Ken Longo, Mark McLaughlin, Prashant Monian, Michael Monine, Padma Narayanan, Polyna Khudyakov, Abu Siddiqui, Andrew Strahs, Chikdu Shivalila, Lanyi Xie, Christopher Wright, Kenneth Chapman

Late Breaking Abstract - Characterization of patients hospitalised for an Exacerbation of Chronic Obstructive Pulmonary Disease (ECOPD) in France: a national claims database study (OCTANS, part of the SIRIUS II program) — **PA3824**
Gaëtan Deslee (Reims, France), Thierry Perez, Hubert Gheerbrant, Nolwenn Poccardi, Caroline Fabry-Vendrand, Delphine Leynaud, Claire Marant Micallef, Déborah Schülé, Manon Belhassen, Laurent Guilleminault

PS-21 Session 350 12:30 - 14:00

Poster session: Clinical drivers of chronic airway diseases

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Public health Epidemiology Pulmonary function testing Pulmonary rehabilitation Cell and molecular biology Endoscopy and interventional pulmonology Physiology Respiratory intensive care

Tag(s) : Clinical, Translational

Chairs : Pavol Pobeha (Košice, Slovakia), Stefania Principe (Amsterdam, Netherlands), Apostolos Bossios (Stockholm, Sweden)

Late Breaking Abstract - Metabolic Vulnerability Index for mortality risk and Incident asthma: A Prospective Cohort Study From the UK Biobank Heshen Tian (Hangzhou, China), Jiacheng Ding, Chen Zhu, Xiaodong Fu, Fen Lan, Lifei Lu	**PA3825**
Characteristics of asthma-bronchiectasis-COPD overlap from the KOCOSS cohort Seung Ju Kim (Seoul, Republic of Korea), Sang Hyuk Kim, Kyung Hoon Min, Chang-Hoon Lee, Seong Yong Lim, Yong Bum Park, Won-Yeon Lee, Ji-yong Moon, Kwang Ha Yoo, Joon Yong Choi	**PA3826**
Impact of Gastroesophageal Reflux Disease on Asthma Control: Patient-Centered Outcomes Umit Satybaldiyeva (Aktobe, Kazakhstan), Sholpan Absadykova, Elmira Khametova, Aida Muratova	**PA3827**
Chronic cough epidemiology in adults in wartime conditions and its relationship with eosinophilic inflammation as a manifestation of the cough course of bronchial asthma. Oleh Yakovenko (Lutsk, Ukraine), Tetiana Yakovenko, Svitlana Zubchenko, Eduard Khodosh, Yaroslav Dziublyk	**PA3828**
Uncontrolled course and exacerbations of the bronchial asthma in the post-pandemic COVID-19 period in the wartime conditions Galyna Gumeniuk (Kyiv, Ukraine), Yuriy Feshchenko, Mykola Lynnyk, Mykola Gumeniuk, Viktoria Ignatieva, Maryna Polianska, Olga Denysova, Svitlana Opimakh	**PA3829**
Characteristics of real-world hospitalised asthma exacerbations stratified by blood eosinophil counts in a biologic-naïve population Hnin Aung (Leicester, United Kingdom), Ahmad Ussaid, Wilsonne Chua, Mayven Siow, Kavita Desai, Khola Nazim, Shamsa Naveed, Dominick Shaw, Hnin WW Aung	**PA3830**
Persistent long-term HPA-axis suppression after maintenance oral corticosteroid withdrawal in severe asthma: The role of biochemical assessment. Liam Coyle (Belfast, United Kingdom), Christian Schnier, Pamela Jane McDowell, Charlene Redmond, Claire Ann Butler, Liam Gabriel Heaney	**PA3831**
Preventing future asthma deaths: thematic analysis Elspeth Carruthers (London, United Kingdom), Emma Johnson, Carl Reynolds	**PA3832**
Predictive Utility of Pre-Biologic Eosinophils for Severe Asthma Remission: data from the Swiss Severe Asthma Registry Fabienne Jaun (Liestal, Switzerland), Maria Boesing, Giorgia Luethi-Corridori, Corinne Allgeier-Smith, Pierre-Olivier Bridevaux, Martin Brutsche, Florian Charbonnier, Christian F Clarenbach, Jean-Marc Fellrath, Pietro Gianella, Anja Jochmann, Lukas Kern, Nikolay Pavlov, Esther Helen Steveling, Christophe von Garnier, Joerg D. Leuppi	**PA3833**
Using the Chronic Airways Assessment Test (CAAT) to Better Characterize Disease Burden, Cough and Mucus in Adult Asthmatics. Roy Pleasants (Cary, United States), Stephen Tilley, Stephen Schworer	**PA3834**
Brittle solid behaviour of bronchoscopic COPD mucus: a potential rheological driver of severe lung obstruction. Francois Caton (Grenoble, France), François Truong, Denis Roux, Bruno Degano	**PA3835**
Anti-IL-5 therapy suppresses the relationship between exhaled nitric oxide and airway calibre in asthmatic patients Jérémy Cofino Casanueva (Brussels, Belgium), Alain Van Muylem, Amaryllis Haccuria, Myrna Virreira, Nathalie Grimaldi, Florence Schleich, Renaud Louis, Andreï Malinovsch, Alain Michils	**PA3836**
Modeled association between changes in lung function and asthma control in patients with moderate-to-severe type 2 asthma: A post hoc analysis of QUEST Roland Buhl (Germany, Germany), Brian J Lipworth, William W Busse, Anne K Ellis, Jérôme Msihid, Olivier Ledanois, Rebecca Gall, Thomas B Casale	**PA3837**
Asthma Control and Exacerbations According to Educational Level and Religion in Incarcerated Men Rodrigo Torres Castro (Santiago, Chile), Juan Pablo Alarcón-Cortés, Patricio Loaiza-Vergara, Matías Otto-Yañez, Edgardo Opazo-Díaz, Rodrigo Torres-Castro	**PA3838**

Hypertriglyceridemia and Conventional Spirometric Parameters in Asthmatic Patients **PA3839**
Amina BELGHITRI (Oran, Algeria), Lakhdar Zemour, Fadela Benatta, Fatima Mahieddine, Sabrina Benissad, Walae Azzi, Mokhtar Bouhadda, Salah Lellou, Aissa Ouardi

A proof-of-concept study of daily FeNO monitoring to assess airway inflammation in asthma **PA3840**
Deniz Kizilirmak (Manisa, Türkiye), Hanife Sule Uzlu, Ayşe Arzu Yorgancıoğlu

Defining Assessment Dimensions of Pre-asthma: Evidence From Risk Factors, Treatable Traits, and Prediction Models **PA3841**
Xin Zhang (Chengdu, China), Lishan Yuan, Yilai Li

Real-world utilisation of guideline-prescribed home respiratory support devices in chronic respiratory failure from a resource-limited setting **PA3843**
Manu Chopra (Delhi, India), Gaurav Mishra, Rahul Tyagi, Kislay Kishore, Kiran Jagtap, Priyanka Singh

Eosinophilic chronic obstructive pulmonary disease: a global picture across different care settings including ambulatory care, rehabilitation and hospitalisation for exacerbation **PA3844**
Marie Marganne (Liège, Belgium), Delphine Nguyen Dang, Hélène Van Cauwenberge, Victoria Collard, Virginie Paulus, France Regnier, Florence Schleich, Renaud Louis

PS-22 Session 351 12:30 - 14:00

Poster session: Multiomics and clinical drivers of asthma heterogeneity

Disease(s) : Airway diseases

Method(s) : Physiology Epidemiology Public health Cell and molecular biology Endoscopy and interventional pulmonology Pulmonary function testing General respiratory patient care

Tag(s) : Basic science, Clinical, Translational

Chairs : Francisco Javier Salgado Castro (Santiago De Compostela, Spain), Christina Bal (Wien, Austria), Fana Alem Kidane (Vienna, Austria)

Late Breaking Abstract - Mass cytometry and multi-omics profiling of the unified airway compartment reveals shared and distinct features in T2-high severe asthma and nasal polyposis **PA3845**
Fana Alem Kidane (Vienna, Austria), Slagjana Stoshikj, Christina Morgenstern, Marianne Rocha-Hasler, Lena Müller, Aldine Tu, Victoria Stanek, Mohammed Zghaebi, Nina Schweitzer, Ute Fuchsluger, Seda Metekol, Markus Kramer, Nicholas J. Campion, Tina Bartosik, Katharina Gangl, Minghao Pan, Klaus Schmetterer, Thomas Perkmann, Markus Wahrmann, Andreas Spittler, Daniela Gompelmann, Ahmed El-Gazzar, Marco Idzko, Sven Schneider, Julia Eckl-Dorna

Integrated Analysis of Airway Microbiome and Metabolome Reveals Distinct Signatures and Potential Biomarkers for Asthma Inflammatory Phenotype **PA3846**
Yi Jiang (Taiyuan, China), Shu Cui

Dietary patterns and asthma outcomes **PA3847**
Amy Hai Yan Chan (Auckland, New Zealand), Greta Simpson, Holly Wilson, Rajshri Roy, Clare Wall

Ethnic differences in dietary patterns and asthma outcomes **PA3848**
Holly Wilson (Auckland, New Zealand), Greta Simpson, Rajshri Roy, Clare Wall, Amy Hai Yan Chan

External allergen reactivity assessed by a unique point of care device in Asthma. **PA3849**
William Stringer (Torrance, United States), Asghar Abbasi, Kyaw Soe, David Sich, Beichu Guo, Ke Zhang

A Preliminary Study on the Benefits of Allergen Desensitization for Grasses and Dust Mites in Asthma Control During Allergy Season **PA3850**
Barbara Ruaro (Trieste, Italy), Marco Mari, Rossella Cifaldi, Chiara Torregiani, Giorgio Monteleone, Paola Confalonieri, Francesco Salton, Anna De Nes, Chiara Bozzi, Xhildjano Haruni, Marco Confalonieri

Determinants of uncontrolled asthma in working adults: a multifactorial analysis **PA3851**
Rania Debbiche (tunis, Tunisia), Nidhal Belloumi, Chaïma Habouria, Marwa Bougacha, Azza Berkaoui, Yasmine Bellaj, Imen Bachouch, Fatma Chermiti, Soraya Fenniche

Budesonide/glycopyrronium/formoterol fumarate dihydrate effects on time to first clinically important deterioration and number needed to treat for clinically important deterioration rate: tertiary analyses of KALOS and LOGOS studies **PA3852**
Ruchong Chen (Guangzhou, China), Robert A Wise, Alberto Papi, David J Jackson, Njira Lugogo, Teodora Trasieva, Jonathan Marshall, Karin Bowen, Hitesh Pandya, Ayman Megally, Mehul Patel

Budesonide/glycopyrronium/formoterol fumarate dihydrate effects on lung function and asthma exacerbations by persistent airflow limitation status: post hoc analyses of KALOS and LOGOS studies **PA3853**
Alberto Papi (Cona, Ferrara, Italy), Robert A Wise, David J Jackson, Njira Lugogo, Ruchong Chen, Teodora Trasieva, Jonathan Marshall, Karin Bowen, Hitesh Pandya, Ayman Megally, Mehul Patel

Budesonide/glycopyrronium/formoterol fumarate dihydrate effects on clinical remission in inadequately controlled asthma: post hoc analyses of KALOS and LOGOS studies **PA3854**
David J. Jackson (London, United Kingdom), Robert A Wise, Alberto Papi, Njira Lugogo, Ruchong Chen, Teodora Trasieva, Jonathan Marshall, Karin Bowen, Hitesh Pandya, Ayman Megally, Mehul Patel

Family-Shared Gut Microbiota Dysbiosis in Allergic versus Non-Allergic Households: A Multi-Analysis Approach **PA3855**
Qin Hui (Beijing, China), Fang Ye, Yuanmei Chen, Jing Liu, Di Lv, Qi Zhang

Joint association of triglyceride glucose index (TyG) and body roundness index (BRI) with asthma exacerbation: a prospective cohort study **PA3856**
Ke Deng (chengdu, China), fanding jin, Chang Yong Wang, Gang Wang, Ji Wang

Sputum bacteria and host-immune response in severe asthma: a multi-omic analysis **PA3857**
Jiashu Shen (Oxford, United Kingdom), Nazanin Zounemat-Kermani, Sven-Erik Dahlen, Ian Pavord, James Chalmers, Kian Fan Chung, Ian Adcock, Timothy Hinks

The upper airway microbiome related to asthma exacerbations is associated with leukocyte methylation markers linked to immunity, inflammation, and asthma comorbidities **PA3858**
Javier Perez-Garcia (Palo Alto, United States), Erick Castillo-Vargas, Mario Martin-Almeida, Elena Martin-Gonzalez, Ruperto González-Pérez, José M. Hernández-Pérez, Olaia Sardón-Prado, Paloma Poza-Guedes, Elena Mederos-Luis, Paula Corcuera-Elosegui, Inmaculada Sánchez-Machín, Leyre López-Fernández, Jesús Villar, Andres Cardenas, Fabian Lorenzo-Diaz, Maria Pino-Yanes

Fatty acid metabolic reprogramming enhances eosinophil activation in asthma through Lyn palmitoylation **PA3859**
Yanping Wu (Hangzhou, China), Shenwei Gao, Yinfang Wu, Zhihua Chen, Wen Li

Lipid-associated macrophages drive pulmonary inflammation and airway remodeling in severe asthma **PA3860**
Chi Liu (Changsha, China), Ye Yao

Limited Effects of IL-4R Blockade in Neutrophilic Asthma: STAT3 Signaling as a Central Driver of Airway Remodeling **PA3861**
Hang Su (Shanghai, China), Yuning Huang, Jianwei Gao, Guogang Xie, Min Zhang

Activation of STING through FABP5 inducing Macrophages Phagocyting NETs in non-T2 asthma **PA3862**
Hao Tang (Shanghai, China), Cai Zhong, Haiqin Liu, Xuran Jiang, Yushan Miao, Yuan Yuan, Shujun Bao, Jianing Zhang, Yang Chen, Chao Zhou, Yu Jin, Wen Wen

CLC-containing mucus plugs act as self-amplifying foci of Type-2 inflammation **PA3863**
Iris Janssens (Ghent, Belgium), Helena Aegerter, Leander Jonckheere, Thomas Malfait, Yannick Vande Weygaerde, Tania Maes, Heidi Schaballie, Petra Schelstraete, Bart N. Lambrecht, Eva Van Braeckel

Lung function deficits associated with allergic sensitisation persist over time. **PA3864**
Charmaine J. M. Lim (Wien, Austria), Abdelrahman Omar, Severin Pötscher, Marie-Kathrin Breyer, Frits M. E. Franssen, Emiel F. M. Wouters, Robab Breyer-Kohansal

PS-23 Session 352 12:30 - 14:00

Poster session: Allergen sensitisation and immune mechanisms in asthma

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Physiology Epidemiology Public health

Tag(s) : Basic science, Clinical

Chairs : Jessica Gates (London, United Kingdom), Kristopher Genschmer (Birmingham, United States), Mona Al-Ahmad (Kuwait City, Kuwait)

Late Breaking Abstract - PM2.5 Exposure disturbs epithelial phenotype and aggravates airway remodeling in asthma **PA3865**
Xiaoning Zeng (Nanjing, China), Hongyu Wang, Qingqing Ma, Yuan Yin, Xin Yao

Characterization of Patients with Severe Asthma and IgE-Mediated Sensitization to Staphylococcus aureus Enterotoxins **PA3866**
Marie Winselmann (Magdeburg, Germany), Eva Lücke, Sabine Stegemann-Koniszewski, Anke Lux, Jens Schreiber

Impact of staphylococcal enterotoxin sensitization on immunological responses during allergen immunotherapy in severe allergic rhinitis Sergii Zaikov (Kyiv, Ukraine), Iryna Kalikina, Artemii Bogomolov	**PA3867**
Exploring Geographic Differences in House Dust Mite (HDM) Hypersensitivity Among Patients with Respiratory Symptoms of Allergy in Eastern and Western Europe Andreas Hoheisel (Freiburg, Germany), Kateryna Gashynova, Eugenia Dytyatkovska, Tetyana Pertseva, Grit Ackermann, Gerhard B. Hoheisel, Daiana Stolz	**PA3868**
Evaluation of biomarkers and allergen sensitization by skin prick test in bronchial asthma patients Vaishnavi Handral (Navi mumbai, India), Lavina Mirchandani, Girija Nair, Shahid Patel, Nikhil Sarangdhar, Manas Bhanushali	**PA3869**
Sensitization patterns and determinants of asthma control: Is the allergenic profile the main driver? Soumaya Debiche (Tunis, Tunisia), Ines Hlel, Hela Cherif, Ferdaous Yangui, Rania Debbiche, Nadim Medini, Salma Mokaddem, Mohamed Ridha Charfi	**PA3870**
Aspergillus fumigatus exposure exacerbates cigarette smoke-induced mucus hypersecretion Yongchang Sun (Beijing, China), Ying Luo	**PA3871**
Aspergillus fumigatus sensitization in COPD patients: clinical characteristics and prediction of exacerbations Abderaouf Hamadouche (Sherbrooke, Canada), Camille Trudel-Duchesne, Julien Leclerc, Samuel Lemaire-Paquette, Félix-Antoine Vézina, Simon Couillard, Philippe Lachapelle	**PA3872**
Epigenome-wide association study identifies nasal DNAm markers for asthma exacerbations in the Spanish population Maria Pino-Yanes (San Cristóbal de La Laguna, Spain), Elena Martin-Gonzalez, Mario Martin-Almeida, Javier Perez-Garcia, Ruperto González-Pérez, Olaia Sardón, José M. Hernández-Pérez, Paloma Poza-Guedes, Inmaculada Sánchez-Machín, Elena Mederos-Luis, Paula Corcuera, Leyre López-Fernández, Jesús Villar, Fabian Lorenzo-Diaz	**PA3873**
Epigenome-wide association study identifies blood DNA methylation markers of atopic asthma in the Canary Islands Maria Pino-Yanes (San Cristóbal de La Laguna, Spain), Mario Martin-Almeida, Javier Perez-Garcia, Elena Martin-Gonzalez, Elsa L Garcia, Fabian Lorenzo-Diaz, Paloma Poza-Guedes, Inmaculada Sanchez-Machin, Elena Mederos-Luis, Jose M. Hernandez-Perez, Jesus Villar, Ruperto Gonzalez-Perez	**PA3874**
Childhood aeroallergen sensitisation trajectories are associated with adverse cardiometabolic profiles in early adulthood Gang Wang (Chengdu City, China), Dang Wei, Simon Kebede Merid, Kejia Hu, Susanna Klevebro, Craig E. Wheelock, Marianne van Hage, Petter Ljungman, Anne-Sophie Merritt, Inger Kull, Anna Bergström, Erik Melén	**PA3875**
Serum IgG4 as a complementary biomarker of type 2 inflammation in severe asthma Diego Marlasca (Barcelona, Spain), Cristina Bellver, Marta Grau, Héctor Cabrerizo, Guillermo Suárez, Maria Salud Santos, Mariana Mercedes Muñoz, Alexandra Andujar	**PA3876**
MRGPRX2-Mediated Mast Cell Activation by Artemisia Pollen Drives CCL2-Dependent Macrophage Polarization and Aggravates Asthma Airway Inflammation Yun Liu (Xi'an, China), Yan Zhang	**PA3877**
Macrophage CCRL2 drives bacterial endotoxin-exacerbated asthma via promotion of Th22 responses jieyu li (hangzhou, China)	**PA3878**
Integrated Single-Cell Profiling Reveals TL1A as a Biomarker and Driver of Type 2 Inflammation via Macrophage-Dependent Immunoregulation in Asthma Jintao Zhang (Jinan, China), Xiaofei Liu, Qian Qi, Yun Pan, Rong Zeng, Chenxiao Qiao, Changjuan Xu, Pengfei Wang, Shuochuan Shi, Ying Wang, Xuemin Liu, Liang Dong	**PA3879**
Trained monocyte-derived macrophages induced by RSV-LRTI during infancy leads to increased susceptibility to asthma Chi Liu (Changsha, China), Xinyu Wu	**PA3880**
Elevated NAMPT expression in bronchial epithelial cells promotes asthmatic neutrophilic airway inflammation Lei Yao (Nanjing, China), Xin Yao	**PA3881**
The role of primary cilia in asthmatic airway epithelium remodeling Gongqi Chen (Wuhan, China), Huiru Jie, Guohua Zhen	**PA3882**

Alternaria mycotoxins activate a MUC5AC–ALOX5AP barrier–immune axis driving PI3K–Akt and leukotriene signalling in thunderstorm asthma **PA3883**
Jia Hou (Yinchuan, China), Dan Wang, Weirong Ma, Xiaolan Hai, Yuchun Fan, Congling Ma

Protective effects of Acacia nilotica extract against ovalbumin-induced allergic asthma in mice **PA3884**
Ghulam Murtaza (Gujrat, Pakistan), Suleman Hussain Shah, Razia Sultana

PS-24 Session 353 12:30 - 14:00

Poster session: Variation in lung function: causes, trajectories and outcomes

Disease(s) : Airway diseases

Method(s) : Epidemiology Pulmonary function testing Public health Physiology

Tag(s) : Clinical

Chairs : Jixuan Ma (Wuhan, China), Andre F.S. Amaral (London, United Kingdom), Marta Alina Kisiel (Uppsala, Sweden)

Late Breaking Abstract - The level and decline of lung function in relation to cognitive trajectories and late-life cognitive performance: evidence from a 14-year longitudinal study from ELSA and ELSA-HCAP **PA3885**
shenyue Zhang (Beijing, China), Jian Hua, Ji Zhang, Xing Jiang, Peiran Yang, Enying Gong

Lung function catch-up in children and adolescents: findings of the Austrian LEAD general population cohort **PA3886**
Marie Grasl (Vienna, Austria), Ahmad Karimi, Marie-Kathrin Breyer, Mohammad Azizzadeh, Charmaine Helk-Lim, Tobias Mraz, Emiel F. Wouters, Robab Breyer-Kohansal

Evaluating the causal effect of early-life phenotypic traits on low lung function trajectory: a Mendelian randomisation study in the Avon Longitudinal Study of Parents and Children (ALSPAC) **PA3887**
Jack S Grenville (Bristol, United Kingdom), Rebecca C Richmond, Paul Yousefi, James W Dodd

Lung function across generations in the ECRHS and RHINESSA cohorts **PA3888**
Lucia Cestelli (Bergen, Norway), Simone Accordini, Andrei Malinovschi, Bryndis Benediktsdóttir, Randi Bertelsen, Francisco Javier Callejas González, John W Holloway, Thórarinn Gíslason, Francisco Gómez Real, Mathias Holm, Christer Janson, Nils Oskar Jõgi, Rain Jõgi, Ane Johannessen, Caroline Jane Lodge, Anna Oudin, Vivi Schlünssen, Shyamali Dharmage, Cecilie Svanes

Latent class profiles integrating symptoms, exposures and lung function in children **PA3889**
Giustino Carlino (palermo, Italy), Giuseppe Sarno, Sara Maio, Sandra Baldacci, Alessandra Pandolfo, Andrea Perri, Velia Malizia, Mauro Ferrante, Giovanni Viegi, Stefania La Grutta

Network analysis of respiratory physiomics in Perserved Ratio Impaired Spirometry **PA3890**
Tobias Lorenz Mraz (Vienna, Austria), Charmaine J. M. Lim, Charles G. Irvin, David A. Kaminsky, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal

Network analysis of lung function including oscillometry in individuals with normal spirometry **PA3891**
Tobias Lorenz Mraz (Vienna, Austria), Charmaine J. M. Lim, Charles G. Irvin, David A. Kaminsky, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal

Lung function and impedance networks in airway obstruction **PA3892**
Tobias Lorenz Mraz (Vienna, Austria), Charmaine J.M. Lim, Charles G. Irvin, David A. Kaminsky, Marie-Kathrin Breyer, Emiel F. M. Wouters, Robab Breyer-Kohansal

The Upper Respiratory Tract Microbiome is Associated with Lung Function in Adults: Cross-Sectional and Longitudinal Analyses in a Population-Based Cohort **PA3893**
Beatrice Cornu Hewitt (Utrecht, Netherlands), Myrna de Rooij, Warner van Kersen, Mari-Lee Odendaal, Alex Bossers, Mei Ling Chu, Debby Bogaert, Lidwien Smit

Interventions for improving lung function in the general population: a systematic review of randomised clinical trials (RCT) **PA3894**
N. Sabrina Idrose (Melbourne, Australia), Zelong Cao, Jiale He, Yaoyao Qian, Shyamali Dharmage, Jingwen Zhang

Fractional exhaled nitric oxide is associated with wheezing independently of lung function in a population-based cohort of children **PA3895**
Kamil Barański (Katowice, Poland), Charles Pendergast, Grzegorz Brożek

Visceral adipose tissue contributes to dyspnoea in people with obstructive lung function – Results from the LEAD study **PA3896**
Alexander Müller (Wien, Austria), Charmaine Helk-Lim, Marie-Kathrin Breyer, Robab Breyer-Kohansal, Sylvia Hartl, Daisy Janssen, André Amaral, Emiel Wouters

Early-life Paracetamol Exposure and Asthma/Lung Function at 25 Years in a High-Risk Birth Cohort **PA3897**
Haolin Wang (Melbourne, Australia), Sabrina Idrose, Adrian Lowe, Dinh Bui, Nilakshi Waidyatillake, Jennifer Perret, Michael J Abramson, Shyamali Dharmage, Caroline Lodge, Xin Dai

A systematic evaluation of longitudinal modelling algorithms across distinct data conditions **PA3898**
Núria Olvera Ocaña (Barcelona, Spain), Àlvar Agustí, Alfonso Valencia, James Ross, Rosa Faner

Age at menarche and lung health:baseline findings from Nepal Family Cohort Study **PA3899**
Puja Lama (Coventry, United Kingdom), Ganesh Dangal, Ashesh Dhungana, Nagendra Chaudhary, Suman Pant, Prashil Raj Dali, Robyn Tapp, Maxine Whelan, Ioannis Kyrou, Harpal S. Randeva, Paramjit Gill, Om P. Kurmi

Device-specific reference equations for respiratory oscillometry in a Canadian adult population **PA3900**
Tina Aghdam (Montreal, Canada), Sylvia Verbanck, Zlatitsa Todorova, Han Halyssa Ho, Carlos Andres Celis Preciado, Simon Couillard, Joyce K. Y. Wu, Chung-Wai Chow, Ronald J. Dandurand

Reduced Diffusing Capacity in Smokers with Preserved Spirometry **PA3901**
Ahmad Karimi (Vienna, Austria), Mohammad Azizzadeh, Tobias Mraz, Marie Kathrin Breyer, Emiel F.M. Wouters, Robab Breyer-Kohansal

Residual Volume to Total Lung Capacity ratio and spirometric patterns – similar findings for Preserved Ratio Impaired Spirometry (PRISm) and airway obstruction in a general population study **PA3902**
Tomi Myrberg (Umeå, Sweden), Anne Lindberg, Caroline Stridsman, Eva Rönmark, Linnea Hedman, Helena Backman

The Prevalence of Reduced Diffusing Capacity of the Lungs for Carbon Monoxide in the General Population: Data from the Austrian LEAD Study **PA3903**
Ahmad Karimi (Vienna, Austria), Luca Schädler, Tobias Mraz, Mohammad Azizzadeh, Marie Kathrin Breyer, Emiel F.M. Wouters, Robab Breyer-Kohansal

Airway Resistance and conductance measured by body plethysmography over the adult age span **PA3904**
Emiel F. M. Wouters (Vienna, Austria), Tobias Mraz, Charmaine Lim, Charles Irvin, David Kaminsky, Marie Breyer, Robab Breyer - Kohansal

PS-25 Session 354 12:30 - 14:00

Poster session: Climate change and respiratory health

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases

Method(s) : Cell and molecular biology Physiology Pulmonary function testing Epidemiology Public health General respiratory patient care

Tag(s) : Global reach, Sustainability

Chairs : Orianne Dumas (Villejuif, France), Isabella Annesi Maesano (Ferrara, Italy), Amy Hai Yan Chan (Auckland, New Zealand)

Late Breaking Abstract - Characterisation of the cytokine profile in a population exposed to volcanic ash (ASHES Study) **PA3905**
Victor Guerra-Ruiz (Barcelona, Spain), David Díaz-Pérez, David Soler Segovia, Cristina Candal-Pedreira, Valle Velasco, Ciro Casanova, Esther Barreiro, Ana Cañas, Francisco Javier Sánchez-Íñigo, Alberto Ruano-Ravina, María Jesús Cruz Carmona, Xavier Muñoz Gall

Cold Temperature Exposure and Acute Exacerbations of Chronic Obstructive Pulmonary Disease: A Time-Stratified Case-Crossover Study **PA3906**
Moon Seong Baek (Seoul, Republic of Korea), Chung Ho Kim, Changhyun Jun, Bomi Park

Rising ambient temperatures and COPD exacerbation risk in South Korea: A 21-year longitudinal analysis **PA3907**
Kwonhyung Hyung (Seoul, Republic of Korea), Heemoon Park, Jung-Kyu Lee, Eun Young Heo, Deog Kyeom Kim, Hyun woo Lee

Real-world spirometric data from permanent residents of wildfire-affected areas in Achaia. **PA3908**
DIMITRIS KOMNINOS (Patras, Greece), Ioannis Christopoulos, Matthaios Katsaras, Fotios Sampsonas, Vasilina Sotiropoulou, Eva Theochari, Electra Koulousousa, Kyriakos Karkoulias, Dimosthenis Lykouras, Argyrios Tzouvelekis

Public health impact of exposome on COPD and asthma exacerbations in France **PA3909**
Colas TCHERAKIAN (Suresnes Cedex, France), Isabella Annesi-Maesano, Christiane Pochulu, Léa Antoniali, Aurélie Chekroun Martinot, Floriane Huret, Véronique Marcadé Fulcrand, Mathieu Rosé, Olivia Carnapete, Thomas Séjourné, Priscille de la Tour, Nicolas Molinari

Ten-year exposure to ambient air pollution and development and persistence of asthma-COPD overlap (ACO) in the Tasmanian Longitudinal Health Study (TAHS) Jingwen Zhang (Melbourne, Australia), Liqinrui Qu, E. Haydn Walters, Michael J. Abramson, Chamara V. Senaratna, Adrian J. Lowe, Nur Sabrina Idrose, Caroline Lodge, Mark Hew, Yaoyao Qian, Dinh Bui, Shyamali Dharmage	**PA3910**
Impact of Atmospheric conditions on Emergency visits due to COPD Exacerbations Rocío Del Carmen Martín Galán (Valladolid, Spain), Claudia Beigveder Durante, Pedro Vidau Fuentes, Ángela Álvarez Suárez, Raúl López Izquierdo, Daniel Álvarez González, Roberto Hornero Sánchez, Tomás Ruíz Albi, Félix Del Campo Matía	**PA3911**
Exposure to air pollutants is underestimated in daily-life exposure assessments when personal ventilation is not accounted for Pietro Massone (Milano, Italy), Ravish Dubey, Samuel Ferretti, Alessandra Angelucci, Simone Mora, Andrea Aliverti	**PA3912**
Long-term interactions of walking activity and air pollution on the risk of exacerbation in people with COPD from five European countries Paula Álvarez Riu (Barcelona, Spain), Alícia Josa-Culleré, Heleen Demeyer, Thierry Troosters, Nick Hopkinson, Ioannis Vogiatzis, Anja Frei, Elena Gimeno-Santos, Victoria Alcaraz-Serrano, Joren Buekers, Laura Delgado-Ortiz, Marta Cirach, Antònia Valentín, Ignasi Garcia-Olivé, Diego A. Rodriguez-Chiaradia, Walter Maetzler, Carl-Philipp Jansen, Clint Hansen, Lynn Rochester, Silvia del Din, Brian Caulfield, David Singleton, Alison Yarnall, Heiko Gassner, Judith Garcia-Aymerich, Sarah Koch	**PA3913**
Short-term meteorological factors of asthma hospitalisation in New Zealand: a nationwide time-series analysis Amy Hai Yan Chan (Auckland, New Zealand), Jiaxuan Shi, Farhaan Mirza, Widana Kankanamge Darsha Jayamini, Muhammad Asif Naeem	**PA3914**
Urban Heat Effects and Emergency Respiratory Admission Trends Over a Decade: A City-Level Ecological Study Neslihan Özçelik (Rize, Türkiye), Ali Erdem Özçelik	**PA3915**
Exploring the impact of air quality on women's respiratory health: A study in Karachi, Pakistan. Misha Tanveer (Karachi, Pakistan)	**PA3916**
Effects of Temperature, Humidity and PM2.5 on PRISm and COPD Hsiao-Chi Chuang (Taipei, Taiwan), Krista Kayron George, Jer-Hwa Chang, Yuan-Chien Lin, Yuan-Hung Wang, Chien-Hua Tseng, Tzu-Tao Chen, Kian Fan Chung, Kang-Yun Lee	**PA3917**
Relationship between Temperature and lung function in Nepali Adults: Nepal Family Cohort Study Prerita Joshi Pandeya (Coventry, United Kingdom), Ashesh Dhungana, Nagendra Chaudhary, Suman Pant, Prashil Raj Dali, Robyn Tapp, Bastien Dieppois, Ioannis Kyrou, Puspa Raj Pant, Paramjit Gill, Harpal S Randeva, Raju Pangeni, Om P Kurmi	**PA3918**
Ambient fine particulate matter (PM2.5) and temperature are associated with hospital admissions in urban Gambia Sunkaru Touray (The Woodlands, United States), Julius David, Saikou Camara, Abdou Samadou Hydara, Awa Sabally Touray, Buba Manjang, Omar Sey, Dawda Badjie	**PA3919**
Late Breaking Abstract - Effects of primary and secondary microplastics on BEAS-2B Cell Viability Andressa Caroline Ribeiro Silva (São Paulo, Brazil), Gabriela Lima Vieira, Daniela Perroni Frias, Mariangela Macchione, Regiani Carvalho de Oliveira	**PA3920**
A Collaborative Approach to Developing a Web-Based Wildfire and Extreme Heat Action Plan Stacey J Butler (Toronto, Canada), Spandan Chakrabarty, Femke Hoekstra, Jacqueline Turvey, Jay Beaupre, Anna Rychtera, Santa Chow, Sian Hoe Cheong, Zainab Zeyan, Samir Gupta, Emily Brigham	**PA3921**
Identifying vulnerable individuals and enhancing health literacy on wildfire risk reduction in urban–wildland interface areas of Greece: a Healthy Lungs for Life campaign action Andreas M. Matthaiou (Athens, Greece), Nikoleta Bizymi, Panayiotis Kouis, Anastasia Vallindra, Stamatios Vallindras, Adamantia Liapikou, Pinelopi Anagnostopoulou, Panayiotis K. Yiallouros	**PA3922**
Association between residential greenness exposure and lung function decline in Idiopathic Pulmonary Fibrosis Cecilia Rivero (Turin, Italy), Stefano Levra, Roberto Bono, Fabiana Giannoccaro, Francesca Bertolini, Giuseppe Guida, Fabio Luigi Massimo Ricciardolo, Giulia Squillacioti	**PA3923**
Patient-reported respiratory limitation among internally displaced persons exposed to Saharan dust Michael Kutte (Yola, Nigeria), Blessing Wayeh, Wesley Markus	**PA3924**

PS-26 Session 355 12:30 - 14:00

Poster session: Incorporating tobacco cessation into comprehensive respiratory management

Disease(s) : Airway diseases Thoracic oncology Interstitial lung diseases

Method(s) : Epidemiology Public health General respiratory patient care Imaging

Tag(s) : Clinical, Prevention

Chairs : Linnea Hedman (Luleå, Sweden), Yuanlin Song (Shanghai, China), H. Volkan Kara (Istanbul, Türkiye)

Failure of Short-Term Smoking Cessation: what is responsible? Nidhal Belhouchet (Sousse, Tunisia), Rihab Kefi, Salsabil Bouafia, Melek Feki, Baraa Ben Bdira, Asma Omrane, Iteb Ben Limem, Asma Knaz, Sana Aissa, Imen Gargouri, Ahmed Abdelghani	**PA3925**
Barriers to Smoking Cessation in Patients with Pneumothorax at Hassan II Hospital, Agadir Ghita BAANI (AGADIR, Morocco)	**PA3926**
The Effect of Visual Educational Materials on Smoking Cessation Among Hospitalized Patients Dilek Karadoğan (Rize, Türkiye), Tahsin Gökhan Telatar, Özcan Yavaşi	**PA3927**
Chronic inhaled cannabis use affects respiratory function and symptoms: comparison with cigarette smoking in an observational cohort study Nadia Milad (Hamilton, Canada), Kyla Belisario, James MacKillop, Jeremy Hirota	**PA3928**
Adolescent Smoking in Northern Italy: A School-Based Study of Patterns, Determinants and Trends Matteo Della Zoppa (Milano, Italy), Amelia Grosso, Giulia Maria Stella, Angelo Guido Corsico, Davide Piloni	**PA3929**
Smoking cessation interventions in lung cancer screening: final results on cytisine use from the RISP trial Massimiliano Cani (orbassano, Italy), Daniela Bafunno, Francesca Caumo, Silvia Novello, Salvatore Cardellicchio, Maria Papale, Elena Davoli, Edoardo Mercadante, Ciro Battiloro, Aldo Cammarota, Antonella Smedile, Vito Barbieri, Beatrice Cosentino, Mariam El Hayek, Ugo Pastorino	**PA3930**
Impact of Passive Cigarette Smoke Exposure on Serum Irisin, Cotinine, and Sweat Chloride Levels in Children Fatma Nazan Çobanoğlu (Ankara, Türkiye), Mukaddes Ağırtıcı, Ümmü Bilge Saribacak, Esin Gizem Olgun, Göksel Vatansever, Filiz Bakar Ateş, Nazan Çobanoğlu	**PA3931**
Smokeless Tobacco Use in Nigeria: Prevalence and Determinants from the Nigeria Demographic and Health Survey Adekunle Olatayo Adeoti (Ado-Ekiti, Nigeria), Kehinde Oluwadiya, Best Ordinioha	**PA3932**
Short-term smoking cessation is associated with improved metabolic profiles in young male soldiers JoonYoung Yoon (Gwanju, Republic of Korea), Sanghoon Lee, Chang-Seok Yoon, Bo-Gun Kho, Yong-Soo Kwon, Yu-Il Kim, Sung-Chul Lim, Hong-Joon Shin	**PA3933**
Identifying systemic barriers to inpatient smoking cessation referrals: a qualitative service evaluation Hutan Momtazian (London, United Kingdom), Jamie Smyth, Ben Holden	**PA3934**
Nicotine Dependence Management Among Dental Professionals Maria Juusela (Kauniainen, Finland), Aleksi Hautamäki, Kirsi Vähäkangas, Tarja Tanner, Annamaria Heikkinen	**PA3935**
Medical and dental students know better than doctors the harms of nicotine Maria Juusela (Kauniainen, Finland), Aleksi Hautamäki, Tarja Tanner, Annamaria Heikkinen, Kirsi Vähäkangas	**PA3936**
High-risk cannabis use in Irish teenagers Joan Hanafin (Dublin, Ireland), Salome Sunday, Luke Clancy	**PA3937**
Testing Gateway and Reverse-Gateway Explanations for Smoking and E-Cigarette Use across Adolescence and Early Adulthood: A Longitudinal Study Joan Hanafin (Dublin, Ireland), Salome Sunday, Luke Clancy	**PA3938**
Behavioral and motivational differences between high-frequency and low-frequency ENDS users among US young adults: Implications for nicotine dependence Eric Mortensen (Simsbury, United States), Mario Perez	**PA3939**
Impact of a smartphone-based mindfulness-intervention on smoking cessation: a randomized, controlled trial Martin H. Brutsche (St. Gallen, Switzerland), Florent Baty, Tim Toromanovic, Mariann Rapold, Susanne Pohle, Martin Brutsche	**PA3940**

Characteristics of asthma in adolescent smokers with nicotine dependence **PA3941**
Ardjouna Manaa (Setif, Algeria), Lamia Kara, Soumia Hachad

Effects of Paternal Smoking on Neonatal and Infant Outcomes: A Prospective Study in Kuala Lumpur, Malaysia **PA3942**
Sze Chiang Lui (Kuala Lumpur, Malaysia), Asiah Kassim, N. Fafwati Faridatul Akmar Mohammad, Then Moli Othayamoorthy, Shangari Kunaseelan, Fatimah Az Zaharah Suhaimi, Karuthan Chinna, Shahril Abu Bakar, Hamimah Saad, Nurdalila Sahidan, Yin Hui Leong, Nurhayati Mohd Marzuki

PS-27 Session 356 12:30 - 14:00

Poster session: New perspectives in cystic fibrosis

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Pulmonary function testing Epidemiology Cell and molecular biology General respiratory patient care Public health Endoscopy and interventional pulmonology Imaging Pulmonary rehabilitation

Tag(s) : Clinical, Translational

Chairs : Oded Breuer (Jerusalem, Israel), Yasemin Gökdemir (Istanbul, Türkiye), Anja Maria Schaffer (Graz, Austria)

Multidrug-Resistant and Difficult-to-Treat Pseudomonas aeruginosa in Cystic Fibrosis: A Nationwide Registry Analysis from Türkiye **PA3943**
Gökçen Kartal Öztürk (İzmir, Türkiye), Hazal Gacemer, Gökçen Kartal Öztürk, Ebru Yalçın, Dilara Demirel, Emine Altay, Ayşe Ayzıt Kılınç, Berrak Öztosun, Furkan Yılmaz, Sevgi Pekçan, Bahar Ece Tokdemir, Fatma Nur Ayman, Oğuz Karcıoğlu, Başak Akyol, Yakup Canıtez, Yeşim Keskin, Özlem Keskin, İbrahim Karahan, Mehmet Köse, Elif Duygu Kütbe, Ayşe Bingöl, Erdem Başaran, Handan Kekeç, Ayşe Tana Aslan, Ali Özdemır, Demet Polat Yuluğ, Melih Hangül, Erdi Çağrı Dağdelen, Tuğba Ramaslı Gürsoy, Nazan Çobanoğlu, Meriç Esen Şimşek Mullaoğlu, Gönül Çaltepe, Mehmet Kılıç, Halime Nayır Buyukşahın, Uğur Özcelik, Nagehan Emiralioğlu, Tuğba Şişmanlar Eyüboğlu, Erkan Çakır, Güzin Cinel, Deniz Doğru, Figen Gulen

Influencing factors on Onset and Progression of liver disease in children with cystic fibrosis **PA3944**
Charlotte Olivia Pioch (Berlin, Germany), Eva Steinke, Virginia Rossow, Shasha Wang, Simon Y. Gräber, Alice Lejeune, Paulina Aleksander, Stephanie Thee, Olaf Sommerburg, Susanne Hämmerling, Katja Glutig, Yuliya Sharkovska, Simon Veldhoen, Stephan Henning, Philip Bufler, Marcus A Mall, Mirjam Stahl

Linear Trends in ABPA Biomarkers Among Paediatric Cystic Fibrosis Patients: A Service Evaluation at Royal Manchester Children's Hospital **PA3945**
Molly O'halloran (Manchester, United Kingdom), Anirban Maitra

Omadacycline as an alternative to macrolides within maintenance regime for Mycobacterium abscessus pulmonary disease in children with Cystic Fibrosis: Adapting pharmacotherapy in response to emerging macrolide resistance **PA3946**
Stefan Unger (Edinburgh, United Kingdom), Divya Obla Amar Bapu, Don Urquhart, Robyn Campbell, Manjith Narayanan, Ian F Laurenson

Bone mineral density in children and adolescents with cystic fibrosis: a cross-sectional study **PA3947**
Emre Ugurlu (Istanbul, Türkiye), Ceren Ayça Yıldız, Neval Metin Çakar, Eda Esra Baysal, Fulya Özdemircioglu, Müge Merve Akkitap Yigit, Büşra Özgünay, Gülzar Alışbeyli, Fatma Gafarova, Şule Bektaş, Şeyda Karabulut, Cansu Yılmaz Yegit, Almala Pınar Ergenekon, Yasemin Gökdemir, Ela Erdem Eralp, Fazilet Karakoç, Bülent Karadag

Knowledge Level of Home Healthcare Personnel on Cystic Fibrosis: Evaluation Before and After Training **PA3949**
Busra Ozgunay (ISTANBUL, Türkiye), Gülzar Alisbeyli, Şeyda Karabulut, Elif Değermenci, Rüya Açıncan, Burak Hoş, Ceren Ayça Yıldız, Neval Metin Çakar, Eda Esra Baysal, Müge Merve Akkitap Yiğit, Fulya Özdemircioğlu, Emre Uğurlu, Cansu Yılmaz Yeğit, Almala Pınar Ergenekon, Ela Erdem Eralp, Yasemin Gökdemir, Fazilet Karakoç, Bülent Karadağ

Including patient-reported outcome measures into the Australian cystic fibrosis data registry **PA3950**
Sean Beggs (Hobart (TAS), Australia), Claire Powell, Rasa Ruseckaite, Anna Rose, Frances Palaya

Assessing the Health Related Quality of Life for patients with Cystic Fibrosis in Italy **PA3951**
Francesca Policastro (Trieste, Italy), Giorgia Silli, Roberto Casalaz, Roberta Sartori, Massimo Maschio, Laura Badina, Sergio Ghirardo, Alessandro Amaddeo

Do complex alleles matter? Real-world response to CFTR modulator therapy in cystic fibrosis **PA3952**
CEREN AYÇA YILDIZ (İstanbul, Türkiye), Neval Metin Çakar, Eda Esra Baysal, Fulya Özdemircioğlu, Müge Merve Akkitap Yiğit, Büşra Özgunay, Emre Uğurlu, Gülzar Alışbeyli, Fatma Gafarova, Şule Bektaş, Burcu Uzunoğlu, Gamze Taştan, Şeyda Karabulut, Cansu Yılmaz Yeğit, A.Pınar Ergenekon, Şehnaz Olgun Yıldızeli, Ela Erdem Eralp, Yasemin Gökdemir, Fazilet Karakoç, Bülent Karadağ

Effect of CFTR protein modulators on heart rate variability in patients with cystic fibrosis. **PA3953**
Izabella Loureiro (Campinas, Brazil), Carla Gomez, Tayná Castilho, Patricia Rentz, Daniela Borgoli, Aline GonÇalves, Silvana Dalge, Maria Angela Ribeiro, Janaina Barcellos, José Ribeiro, Unicamp Modulators CFTR Study Group (UNIMCS Group)

Frequency of liver involvement and its association with genotype in patients with cystic fibrosis **PA3954**
Fatma Qafarova (Istanbul, Türkiye), Ceren Ayça Yıldız, Şeyda Karabulut, Neval Metin Çakar, Eda Esra Baysal, Fulya Özdemircioğlu, Müge Merve Akkitap Yiğit, Büşra Özgünay, Emre Uğurlu, Gülzar Alışbeyli, Şule Bektaş, Cansu Yılmaz Yeğit, Pınar Ergenekon, Derya Kocakaya, Ela Erdem Eralp, Yasemin Gökdemir, Fazilet Karakoç, Bülent Karadağ

The 1418delG CFTR Mutation: A Comprehensive Phenotypic Analysis **PA3955**
Salma Ezzadeen (Riyadh, Saudi Arabia), Maha Sheikho, Anfal Alsalhi, Turki Alshahrani, Ghadah Alrubaya, Mohammed Alzaid, Wadha Alotaibi, Alanood Alenizy, Hammad Alsaadoon

Lack of response to elexacaftor/tezacaftor/ivacaftor in people with cystic fibrosis carrying the L467F;F508del complex allele in North Macedonia **PA3956**
Valentina Cvejoska-Cholakovska (Skopje, North Macedonia), Elena Krsteska, Andrijana Andreevska Stepanovska, Lidija Spirevska, Stojka Fushtikj Naceva

Comparative Evaluation of Oscillometry and Spirometry in Children With Cystic Fibrosis and Bronchiectasis. **PA3957**
Sachin Singh (Rajkot, Gujarat, India), Meenu Singh, Joseph Mathew

Impact of CFTR Modulator Therapy on Muscle Strength in Pediatric Cystic Fibrosis Patients **PA3958**
Busra Ozgunay (ISTANBUL, Türkiye), Goktug Yuksel, Ceren Ayca Yildiz, Neval Metin Cakar, Eda Esra Baysal, Fulya Ozdemircioglu, Emre Ugurlu, Gulzar Alisbeyli, Fatma Qafarova, Sule Bektas, Seyda Karabulut, Ozge Kenis Coskun, Cansu Yilmaz Yegit, Almala Pinar Ergenekon, Yasemin Gokdemir, Ela Erdem Eralp, Evrim Karadag Saygi, Fazilet Karakoc, Bulent Karadag

Clinical efficacy of elexacaftor-tezacaftor-ivacaftor in two siblings with homozygous I1234V mutation cystic fibrosis: A prospective case series **PA3959**
Abdullah Albishri (Riyadh, Saudi Arabia), Mohammed Alzaid, Wadha Alotaibi, Hammad Alsaadoon, Alanood Alanazi, Gawahir Mukhtar, Safa Eltahir, Turki Alshahrani, Raed Alotaibi

PROLONGED NEONATAL JAUNDICE IN INFANTS WITH CYSTIC FIBROSIS: A RETROSPECTIVE COHORT STUDY **PA3960**
Neval Metin Çakar (İstanbul, Türkiye), Ceren Ayça Yıldız, Eda Esra Baysal, Fulya Özdemircioğlu, Büşra Özgünay, Emre Uğurlu, Gulzar Alışbeyli, Fatma Qafarova, Şule Bektaş, Gamze Taştan, Burcu Uzunoğlu, Şeyda Karabulut, Cansu Yılmaz Yeğit, Almala Pınar Ergenekon, Yasemin Gökdemir, Ela Erdem Eralp, Bülent Karadağ

Impact of CFTR modulator therapy on airway microbiology over 12 months in patients with cystic fibrosis in North Macedonia **PA3961**
Elena Krsteska (Skopje, North Macedonia), Andrijana Andreevska Stepanovska, Lidija Sprevska, Valentina Cvejoska Cholakovska, Stojka Naceva Fushtikj

PS-28 Session 357 12:30 - 14:00

Poster session: Spanning diseases: from mycoplasma infection to echinococcosis

Disease(s) : Respiratory critical care | Pulmonary vascular diseases | Airway diseases

Method(s) : General respiratory patient care | Pulmonary rehabilitation | Respiratory intensive care | Epidemiology | Surgery | Cell and molecular biology | Public health | Imaging | Pulmonary function testing | Transplantation

Tag(s) : Clinical, Translational

Chairs : Oleksandr Mazulov (Vinnytsia, Ukraine), Milena Bjelica (Novi Sad, Republic of Serbia), Agnieszka Strzelak (Warsaw, Poland)

Late Breaking Abstract - Caregivers perspectives and experiences of participating in a multi-centre, international, randomised controlled trial from Timor Leste **PA3962**
Gabrielle McCallum (Darwin, Australia), Catherine Byrnes, Emily Bowden, Peter Morris, Keith Grimwood, Nevio Sarmento, Paulino da Silva, Adelia Nicolau, Vilma Boavida, Fancourt Nicholas, Anne Chang

The high-risk CCL14 lineage drives severe mycoplasma pneumoniae pneumonia in children: A study in central china **PA3963**
Chunbo Hao (zhengzhou, China), Zijie Li, Yuefei Jin

Association of an AI-Based Chest X-ray Score With Macrolide Resistance and Inflammation in Pediatric Mycoplasma Pneumonia **PA3964**
Min Jung Kim (Yongin-si, Republic of Korea), Ji Hyun Lee, Nary Bak, Soohyun Lee, Eun Gyeong Seol, Kyung Won Kim, Myung Hyun Sohn, Hyun Joo Shin

From sustained IL-18 activity to a novel therapeutic target in severe paediatric Mycoplasma pneumoniae pneumonia: a prospective cohort study Heng Wang (Beijing, China), Jinrong Liu, Chengsong Zhao, Xiaohui Wen, Weihan Xu, Wenqi Song, Qiliang Li, Haiming Yang, Shunying Zhao	**PA3965**
Antimicrobial susceptibility and the distribution characteristics of Mycoplasma pneumoniae isolates in Beijing, China, from 2017 to 2025 Chao Yan (Beijing, China), Jing Yuan, Yuehua Ke, Jinghua Cui, Ziying Xu	**PA3966**
Risk Factors Analysis of Macrolide Resistance in Children with Mycoplasma pneumoniae Pneumonia yong yang (chongqing, China)	**PA3967**
Clinical landscape and evolving severity of pediatric Mycoplasma pneumoniae pneumonia in China: a nationwide study of 325,781 hospitalized cases, 2016–2023 Xinyu Wang (Beijing, China), Liwei Gao	**PA3968**
Comparison between DNA- and RNA-Based Nucleic Acid Amplification Tests for detecting Mycoplasma pneumoniae in Pediatric Specimens Yuehua Ke (Beijing, China), Chao Yan, Jing Yuan, Jinghua Cui, Ziying Xu	**PA3969**
Etiological spectrum and clinical outcomes of hemoptysis in children: A ten-year retrospective analysis from a tertiary center Tugçe Kantemir (ankara, Türkiye), Deniz Dogru, Meltem Yıldız Kayaoğlu, Ömer Faruk İpek, Nagehan Emiralioglu, Ebru Yalcin, Ugur Ozcelik	**PA3970**
Pulmonary hydatid disease in children: A 38-year monocentric surgical experience Mohamed REBEI (sfax, Tunisia), Zied Chaari, Jaweher Kammoun, Aymen Ben Ayed, Ahmed Ben Ayed, Abdessalem Hentati	**PA3971**
Utility of impulse oscillometry (IOS) monitoring in paediatric patients with pulmonary graft-versus-host disease Shih Ying H'Ng (Pahang, Malaysia), Xin Yee Chiew, Hany Ariffin, Kah Peng Eg, Anna Marie Nathan	**PA3972**
Pediatric Sarcoidosis: Single-Center Experience, Clinical, Radiological Findings and Long Term Prognosis of Patients Ömer Faruk Ipek (Ankara, Türkiye), Dilara Demirel, Nagehan Emiralioğlu Ordukaya, Zeynep Özeren, Ebru Yalçın, Deniz Doğru, Uğur Özçelik	**PA3973**
Pulmonary echinococcosis emerge in children in Albania. Melpomeni Bizhga (Tirana, Albania), Saimir Heta	**PA3974**
Performance of a Paediatric-Focused CAD Tool for Tuberculosis Detection in High-Burden Settings Edwin Klinkenberg ('s-Hertogenbosch, Netherlands), Harriet Nalubega Kisembo, Sara Vegas Viedma, Sasan Asadiabadi	**PA3975**
Chronic Pseudomonas aeruginosa in Tracheostomized Children: Associations with Support Needs and Healthcare Utilization Elpis Hatziagorou (Thessaloniki, Greece), Zoe Kravari, Artemis Zairi, Athina Sopiadou, Maria Galogavrou, Chrysi Michailidou, Charalambos Zarras, Fotios Kirvassilis, Elpis Chochliourou, Elias Iosifidis, Charalambos Antachopoulos	**PA3976**
Report of Seven Bordetella Pertussis Infection Cases Evading PT (Pertussis Toxin) Antibodies Tadashi Matsuda (Saitama, Japan)	**PA3977**
Use of immunomodulators in children with acute respiratory tract infections in Kyrgyz Republic: a post hoc analysis of the COORDINATE trial Elvira Isaeva (Bishkek, Kyrgyzstan), Emma Juul, Volkert Siersma, Azamat Akylbekov, Nargiza Osmonbaeva, Nandini Sreenivasan, Talant Sooronbaev, Rune Aabenhus	**PA3978**
Beyond the Vaccine: Emerging Serotypes and Multidrug Resistance in Paediatric Pneumococcal Isolates in India during 2022-2024 Shital Vishnu Patil (Latur (Maharashtra), India), Deepak Muthreja, Swati Patil, Gajanan Gondhali, Devang Kukarni, Rajesh Patil, Sanidhaya Tak, Manoj Bhadake, Ashok Kuwal	**PA3979**
Estimating the potential public health and economic impact of adapted COVID vaccination in children 5–17 years old in the United Kingdom (UK) Jingyan Yang (New York, United States), Benjamin Yarnoff, Gyorgyi Feldmajer, Hannah Volkman R	**PA3980**

Shifts in the bacterial etiology of community-acquired pneumonia in the pre- and post-COVID-19 era: nationwide trends in Korea. PA3981
Mi-Hee Lee (Suwon, Republic of Korea), Eun-Ae Yang, Hyo-Bin Kim, Jeong Hee Kim, Yoon Ha Hwang, Seon Sook Han, Seung Taek Yu, Yoon Young Jang, Young Hwan Kim, Yechan Kyung, Hyun-Il Gil, Myongsoon Sung, Soo Jin Lee, Yong Sup Na, Min Su Oh, Jisun Yoon, Sun Young Yoon, Eun Kyeong Kang, Yang Park, Sungsu Jung, Sang Hyuk Ma, Eun Lee, Sujeong Kim, Jin-A Jung, Kun Baek Song, Hee Sun Park, Minji Kim, You Hoon Jeon, Jung Yeon Shim, Ki-Hyun Seo, Jin Young Kim, Ji-Hye Lee, Kyunghoon Kim, Hyeon-Jong Yang, Bong-Seong Kim, Jun Hyeok Lim, Jeong-Seon Ryu, Woo Kyung Ryu, Yong Ju Lee, Seong Mi Moon, Ju-Hee Seo, Do Sik Moon, Jin-Sung Park, Ji Young Lee, Eunhee Chung, Pneumonia R E D Study Group

PS-29 Session 358 12:30 - 14:00

Poster session: Emerging evidence in paediatric rare lung and airway diseases

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Epidemiology Cell and molecular biology Endoscopy and interventional pulmonology Pulmonary function testing Respiratory intensive care Public health Imaging Transplantation

Tag(s) : Clinical

Chairs : Laura Petrarca (Roma (RM), Italy), Nadia Nathan (Paris, France), Christina Tischer (München, Germany)

Therapeutic strategies in childhood diffuse alveolar haemorrhage and idiopathic pulmonary hemosiderosis, a CRC chILD-EU study PA3982
Louise Eliet (Paris, France), Julie Mésinèle, Pierre-Yves Boelle, Michaël Fayon, François Galode, Alice Hadchouel, Anaïs Le, Françoise Troussier, Céline Delestrain, Ralph Epaud, Véronique Houdouin, Aurore Blondé, Tamazoust Guiddir, Elsa Gachelin, Laurence Weiss, Isabelle Gibertini, Pierrick Cros, Carole Egron, Julie Mazenq, Jean-Christophe Dubus, Johan Moreau, Julie Schwanner, Myriam Benhamida, Sabrina Hafez, Clémentine Vigier, Hortense Pétat, Léa Roditis, Loïc Guillot, Elora Peulier-Maitre, Harriet Corvol, Philippe Reix, Nadia Nathan

Evaluation of redox biomarker for monitoring severity in childhood interstitial lung disease (chILD) PA3983
Arnab Nandy (Kolkata, India), Harsh Bhakhri, Kana Ram Jat, Kalpana Luthra, Manisha Jana, Mani Kalaivani, Rakesh Lodha, Sushil Kumar Kabra

Combined bronchoalveolar lavage and transbronchial cryobiopsy significantly maximize diagnostic yield in childhood interstitial lung disease PA3984
Pia Maier (Hannover, Germany), Martin Wetzke, Peter Braubach, Julia Carlens, Shaakira Chaya, Hanna Wennigsen-Heipke, Hannah Kaiser, Ola Al Haj, Finlay Ennulat, Christoph Happel, Katharina Schütz, Jens Dingemann, Oliver Keil, Nicolaus Schwerk

Pulmonary Hypertension in Childhood Interstitial Lung Disease: Prevalence, Clinical Course, and Prognostic Impact from a National Registry PA3985
Tuğba Şişmanlar Eyuboglu (Ankara, Türkiye), Handan Kekec, Ayse Tana Aslan, Sinem Can Oskay, Gülay Bilgin, Begüm Yörük, Çiğdem Korkmaz, Berrak Öztosun, Ayşe Ayzıt Kılınç Sakallı, Sevgi Pekcan, Fatma Nur Ayman, Suat Savaş, Deniz Doğru Ersöz, Uğur Özçelik, Birce Sunman, Bahar Girgin Dindar, Ece Ocak, Figen Gülen, Esin Gizem Olgun, Fazılcan Zirek, Gizem Özcan, Işıl Bilgiç, Sanem Polat, Gökçen Dilşa Tuğcu, Erdem Başaran, Ayşen Bingöl, Irmak Tanal Şambel, Bülent Karadağ, Ela Erdem Eralp, Almıla Pınar Ergenekon, Pelin Asfuroğlu, Melih Hangül, Mehmet Köse, Erkan Çakır, Hakan Yazan, Beste Özsezen, Erdem Gönüllü, Zeynep Seda Uyan, Mina Hızal, Nagehan Emiralioğlu, Ebru Yalçın, Güzin Cinel, Nazan Çobanoğlu, Saniye Girit, Yasemin Gökdemir, Ahmet Cevdet Ceylan, Berna Oğuz, Diclehan Orhan, Nural Kiper

Continuous positive airway pressure for nocturnal oxygen desaturation in persistent tachypnoea of infancy/neuroendocrine cell hyperplasia of infancy: a pilot study PA3986
Honorata Marczak (Warszawa, Poland), Stanisław Bogusławski, Katarzyna Krenke

New Tools in the Monitoring of Childhood Interstitial Lung Diseases: The Role of Impulse Oscillometry and Lung Ultrasonography PA3987
UMAY KAVGACI (ANKARA, Türkiye), Emine Altay Tanyer, Ebru Yalçın, Nagehan Emiralioğlu Ordukaya, Dilara Demirel, Deniz Doğru, Uğur Özçelik

Evolving Respiratory Phenotype in Children with ACTA2-Related Smooth Muscle Dysfunction: Beyond Rapidly Progressive Infantile ILD PA3988
Nikhil Rajvanshi (New Delhi, India), Alistair Calder, Rossa Brugha, Simone Hadjisymeou Andreou

Anthropometric and respiratory effects of pulse steroid therapy in children with interstitial lung disease: an observational study PA3989
EDA GÜRLER (İstanbul, Türkiye), Yadigar Öztürk, Uğur Girgiç, Gülay Bilgin, Sinem Can Oksay, Sibel İnceoğlu, Hamdi Cihan Emeksiz, Saniye Girit

The French SP2A recommendations on corticosteroid intravenous pulses in paediatric pulmonology PA3990
Nadia Nathan (Paris, France), Fanny Amram, Myriam Benhamida, Aurore Blonde, Camille Cisterne, Pierrick Cros, Céline Delestrain, David Drummond, François Galode, Lisa Giovannini Chami, Véronique Houdouin, Julie Mazenq, Hortense Petat, Philippe Reix, Léa Roditis, Julie Cassibba, X for the French Paediatric Allergology and Pulmonology society (SP2A)

POST-INFECTIOUS BRONCHIOLITIS OBLITERANS CASES – CLINICAL DATA ANALYSIS PA3991
Erdem Gonullu (Istanbul, Türkiye), Ebru Köstereli, Asli Yeter Bas Can, Evrim Ozmen, Zeynep Seda Uyan

Comparison of Four Therapeutic Strategies for Pediatric Post-Infectious Bronchiolitis Obliterans Using a Hierarchical Win Ratio Approach PA3992
Ha-Giang Cao-Pham (Ho Chi Minh city, Vietnam), Vuong Dang-Van, Minh-Hong Pham-Thi

Clinical Features and Outcomes of Bronchiolitis Obliterans Syndrome Following Hematopoietic Stem Cell Transplantation in Pediatric Patients: A Single-Center Experience PA3993
UMAY KAVGACI (ANKARA, Türkiye), Dilara Demirel, Nagehan Emiralioğlu Ordukaya, Emine Altay Tanyer, Fatma Visal Okur, Barış Kuşkonmaz, Ebru Yalçın, Deniz Doğru, Uğur Özçelik

Psychological Distress in Mothers of Children with Bronchiolitis Obliterans: A Case-Control Study PA3994
Özge Ülgen (İstanbul, Türkiye), Yadigar Ozturk, Nesrin Havare, Banu Bahar Karacuha Saglamcı, Gülay Bilgin, Sinem Can Oksay, Saniye Girit

Risk factors affecting the development of bronchiolitis obliterans following HSCT PA3995
Yadigar Öztürk (İstanbul, Türkiye), begum yoruk, Yasemin Mocan Çağlar, Nesrin Havare, Uğur Girgiç, Gülay Bilgin, Suar Çakı Kılıç, Sinem Can Oksay, Saniye Girit

Atypical Presentation of Adams–Oliver Syndrome Type 2 With Isolated Pauci-Immune Pulmonary Capillaritis in a Pediatric Patient: A Case Report PA3996
Ghadah AlRubaya (Riyadh, Saudi Arabia), Hammad AlSadoon, Mohammed AlZaid, AlAnood AlEnizy, Wadha AlOtaibi

Evaluation of Pulmonary Findings in Children with Juvenile Idiopathic Arthritis PA3997
Ayse Tana Aslan (Ankara, Türkiye), Tugce Unlu, Tugba Sismanlar Eyuboglu, Gamzegul Gozen Bayramoglu, Sevcan Bakkaloglu Ezgu

Thoracic involvement in Behçet's disease PA3998
Salma Chikhani (Casablanca, Morocco), Hanaa Harraz, Hanane Benjelloun, Khadija Chaanoune, Wafaa Jalloul, Zakaria Laklaai, Nahid Zaghba

Use of Jak-inhibitors in a tertiary level pediatric pulmonary department PA3999
Veronica Lazzaretto (Trieste, Italy), Andrea Taddio, Serena Pastore, Laura Badina, Francesca Policastro, Alberto Tommasini, Natalia Maximova, Claudia Granello, Antimo Tessitore, Massimo Maschio, Egidio Barbi, Alessandro Amaddeo, Sergio Ghirardo

PS-3 Session 359 12:30 - 14:00

Poster session: Pulmonary rehabilitation beyond borders: a global perspective

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : General respiratory patient care | Public health | Palliative care | Pulmonary rehabilitation | Respiratory intensive care | Transplantation | Pulmonary function testing | Epidemiology | Physiology

Tag(s) : Sustainability, Clinical

Chairs : Soo Chin Chan (Kuala Lumpur, Malaysia), Talantbek Sooronbaev (Bishkek, Kyrgyzstan), Stéphanie Saxer (St. Gallen, Switzerland)

Real-World Challenges of LTOT in India: Insights from a Patients Survey PA4000
Shikha Jindal Gupta (Noida (Uttar Pradesh), India)

Precision Exercise Selection in Pulmonary Rehabilitation for Rural India: A Symptom-Led Clinical Framework Utilizing Multimodal Field Testing PA4001
Sushil Singh (Chandrapur, India), Vivek Patki, Dipali Dhamdhere, Yogita Sonawane, Diksha Singh, Premraj Parate, Vishal More, Narendra Javadekar, Parag Khatavkar, Dhiraj Agarwal

Challenges and solutions to delivering Home and Centre-based pulmonary rehabilitation (PR) in the PuRe trial in low-resource rural settings of Pune, India PA4002
Dipali Digambar Dhamdhere (Pune (Maharashtra), India), Premraj Parate, Sushil Singh, Diksha Singh, Yogita Sonawane, Vishal More, Vivek Patki, Victoria Hammersley, Narendra Javadekar, Parag Khatavkar, Hilary Pinnock, Dhiraj Agarwal

From Evidence to Context: Adapting Pulmonary Rehabilitation Guidelines in Spain Using the GRADE EtD Framework Esteban Villegas Arbelaez (Barcelona, Spain), Pilar Cejudo Ramos, David Rigau Comas, Fiorella Karina Fernández Sáenz, Myriam Calle Rubio, Esther Barreiro Portela, Pablo Alonso Coello	**PA4003**
Pulmonary rehabilitation delivered in low resource settings: Early insights from the process evaluation of the pilot phase of a 3-arm randomised implementation trial (PuRe) Purva Abhyankar (Edinburgh, United Kingdom), Kajal Tonde, Eesha Chawan, Rutuja Patil, Kamarajan Dharani, Selina Ahmed, Norita Hussein, Wei Leik Ng, Nur Melissa Abdul Khalil, Bairave Shunnmugam, Nursyuhada Sukri, Goh Sheron, Victoria Hammersly, Hilary Pinnock	**PA4004**
Implementation of resource-adapted tailored homed based pulmonary rehabilitation in Indians with Chronic Airway Diseases: a pragmatic quasi-experimental study Rohini Bhadra (Bengaluru, India), Sucharita Sambashivaiah, George D'Souza, Sumithra Selvam, Annemie Schols	**PA4005**
Patient understanding and use of an educational PuRe Pack during pulmonary rehabilitation in a low-resource setting Yogita Sonawane (Pune, India), Sushil Singh, Diksha Singh, Premraj Parate, Dipali Dhamdhere, Vivek Patki, Vishal More, Victoria Hammersley, Narendra Javadekar, Parag Khatavkar, Hilary Pinnock, Dhiraj Agarwal	**PA4006**
Differences in experiences of breathlessness across ethnicities using the Multidimensional Dyspnea Profile Holly Drover (Nottingham, United Kingdom), Mark W Orme, Sally J Singh, Kate Kontou, Phoebe Lloyd-Evans, Sophie Elsoueidi, Enya Daynes	**PA4007**
Efficacy of integrating traditional performing arts and pulmonary rehabilitation on uptake and wellbeing in an indigenous population with chronic airways disease - a pilot study Oliver William Armstrong-Scott (Auckland, New Zealand), Sandra Hotu	**PA4008**
Longitudinal recovery from post-intensive care syndrome: a prospective cohort study in Singapore Justin Liu (Singapore, Singapore), Yvonne Goh, Qin Ting Chen, Sharmaine Wong, Yi Ping Hwang, Fiona Lyn Pereira, Audrey Lee, Jalal Nur Laila Binte Abdul, Narisha Binte Mohamed, Vicky Ng, Huiying Xu, Angeline Tey, Sharlene Ho	**PA4009**
Physical performance and clinical course following pediatric lung transplantation: A single-center experience in Japan Tsugumi Asano (Kyoto, Japan), Yohei Oshima, Akira Tamaki, Satona Tanaka, Ryosuke Ikeguchi	**PA4010**
Culturally familiar floor-to-stand rehabilitation for COPD in Algeria: clinical outcomes Redouene Sid Ahmed Benazzouz (Laghouat, Algeria), Hanane Meriem Fatmi, Lyna Lagraa, Aicha Zenikheri, Massinissa Benyagoub, Mohamed Safouane Benazzouz, Faiza Hadjersi, Sofiane Ouziri, Mounir Ould Setti	**PA4011**
Implementation of pulmonary rehabilitation in Nigeria: Clinical stakeholders' perspectives Adebayo Omileye (Ibadan, Nigeria), Alfurqan Akinnibosun, Nse Odunaiya	**PA4012**
Effects of respiratory rehabilitation on functionality, quality of life, and pulmonary mechanics in patients with post-tuberculosis lung disease Thiago Thomaz Mafort (Niteroi (RJ), Brazil), Iasmin Maria Fonseca, Isabelle Ferreira, Agnaldo Lopes	**PA4013**
Effect of pulmonary rehabilitation on exercise capacity and lung function in post-tuberculosis lung disease: a systematic review and meta-analysis Neil Alden Tan (Manila, Philippines), Jonni Fay Teves, Jan Henrick Foscablo, Lenora Fernandez	**PA4014**
Design of a low-cost, mechanical device using a raised volume rapid thoracoabdominal compression technique for cough assistance in low- and middle-income countries that avoids upper airway collapse Andreas Van Egmond-Fröhlich (Wien, Austria)	**PA4015**
Effect of rehabilitation at moderate altitude on airway resistance measured with forced oscillation technique in chronic obstructive pulmonary disease Jasmin Müller (St.Gallen, Switzerland), Silvan Frei, Spencer Rezek, Samuel Rusch, Syimyk Azizbekov, Nurdin Shakiev, Talant Sooronbaev, Esther Schwarz, Silvia Ulrich, Stéphanie Saxer	**PA4016**
Insights from a stakeholder engagement workshop to inform delivery of pulmonary rehabilitation in the Malaysian centre of the PuRe trial Soo Chin Chan (Kuala Lumpur, Malaysia), Jayakayatri Jeevajothi Nathan, Julia Patrick Engkasan, Ee Ming Khoo, Vicky Hammersley, Roberto Rabinovich, Hilary Pinnock	**PA4017**

Implementing shuttle walking tests in a rural setting: feasibility, acceptability, and operational challenges of recruiting for the PuRe trial in rural India **PA4018**
Sushil Singh (Chandrapur, India), Dipali Dhamdhere, Premraj Parate, Yogita Sonawane, Diksha Singh, Vivek Patki, Vishal More, Victoria Hammersley, Narendra Javadekar, Parag Khatavkar, Hilary Pinnock, Dhiraj Agarwal

PS-30 Session 360 12:30 - 14:00

Poster session: Challenges in benign thoracic diseases

Disease(s) : Airway diseases Respiratory critical care Pulmonary vascular diseases

Method(s) : Epidemiology Surgery Endoscopy and interventional pulmonology General respiratory patient care Pulmonary rehabilitation Imaging Pulmonary function testing

Tag(s) : Clinical

Chairs : Maria Giovanna Mastromarino (Pisa, Italy), Katarzyna Zanowska (Poznań, Poland), Ruben Efraín Garrido Cardona (Ciudad Juarez (Chihuahua), Mexico)

Late Breaking Abstract - Pulmonary arteriovenous malformation (PAVM): A case report **PA4019**
Ruben Efraín Garrido Cardona (Ciudad Juarez (Chihuahua), Mexico), Elisa Barrera Ramírez

Does bilaterality matter? A comparative analysis of surgical management and outcomes in pulmonary hydatid disease **PA4020**
Mohamed REBEI (sfax, Tunisia), Zied Chaari, Aymen Ben Ayed, Ahmed Ben Ayed, Abdessalem Hentati

Surgical Outcomes of Deloculation in Fibrinopurulent Tuberculous Pleurisy: A Single-Center Retrospective Study **PA4021**
Mahdi Abdennadher (Ariana, Tunisia), Chiraz Albouzidi, Mariem Hadj Dahmane, Amina Abdelkbir, Anas Chabchoub, Imen Bouacida, Adel Marghli

Haemoptysis revealing pulmonary sequestration: clinical features and surgical outcomes in adult patients **PA4022**
Imen Bouassida (Ariana , Tunisia), Manel Ben Taher, Chiraz Albouzidi, Habib Bessrour, Amina Abdelkbir, Hedia Bellali, Hazem Zribi, Adel Marghli

Opening the Door to Valve Therapy: One-Year Outcomes After Surgical Fissure Division for Endoscopic Lung Volume Reduction with endobronchial valves. **PA4023**
Thomas Egenod (Limoges, France), Yannick Simonneau, Jeremy Tricard, Florent Favard, Anaelle Chermat, Benoit Aguado, Elsa Clapaud

One-year outcomes of multidisciplinary management for severe emphysema: a real-world single-center cohort study **PA4024**
Romain Alfieri (Liege, Belgium), Bernard Duysinx, Renaud Louis, Vincent Heinen

Janus Asymmetric-Adhesive Natural Polymer Hydrogel Patch for Pulmonary Air Leak Repair and Anti-Adhesion **PA4025**
Rongbin Qi (ningbo, China), Chao Cao, Chunlian Huang

Stable Ultrasound Measures with Improvement in Diaphragmatic Pressure Generation After Lung Volume Reduction Surgery **PA4026**
Christelle M. Vandervelde (Leuven, Belgium), Daniel Langer, Stephanie Everaerts, Anthony Meyers, Anaïs David, Wim Janssens, Alexandros Kalkanis, Laurens J. Ceulemans

Early Diaphragmatic Recovery After Lung Volume Reduction Surgery for Severe Emphysema Is Equal Between Unilateral and Bilateral Procedures **PA4027**
Christelle M. Vandervelde (Leuven, Belgium), Alexandros Kalkanis, Stephanie Everaerts, Anthony Meyers, Anais David, Wim Janssens, Daniel Langer, Laurens J. Ceulemans

Robotic precision and postoperative outcomes in lung volume reduction surgery: a comparative Analysis with thoracoscopic approach **PA4028**
Hamed Ahmed (Birmingham, United Kingdom), Babu Naidu, Hazem Fallouh, Akshay Patel

Post-operative outcomes and functional recovery after surgery for primary spontaneous pneumothorax in active patients **PA4029**
Chirine Moussa (Tunis, Tunisia), Majd Saoudi, Siwar Hamdi, Habib Bessrour, Houssem Messaoudi, Mokhles Lajmi, Imene Ben Ismail, Saber Hachicha

Comparative Study of Pneumothorax in Elderly **PA4030**
Sabrine Majdoub Fehri (Sfax, Tunisia), Anis Werghemmi, Ahmed Ben Ayed, Oumayma Agouni, Hamida Kwas

Recurrence predictors and outcomes of primary spontaneous pneumothorax in young adults **PA4031**
Chirine Moussa (Tunis, Tunisia), Majd Saoudi, Habib Bessrour, Siwar Hamdi, Houssem Messaoudi, Mokhles Lajmi, Imene Ben Ismail, Saber Hachicha

SURGICAL MANAGEMENT OF HEMOPTYSIA IN HIGH RISK PATIENT **PA4032**
mohamed amine hannachi (tunis, Tunisia)

Predictive factors of pulmonary hydatid cyst recurrence: a single-centre retrospective study **PA4033**
Mahdi Abdennadher (Ariana, Tunisia), Chiraz Albouzidi, Amina Abdelkbir, Menel Ben Taher, Mariem Hadj Dahmen, Adel Marghli

Clinical outcomes of thoracoscopic sympathectomy for primary hyperhidrosis: a single-centre experience **PA4034**
Bengisu Arabacı (KOCAELİ, Türkiye), Hasan Oğuz Kapıcıbaşı, Sibel Salman Biltekin, Seçkin Deniz, Adil Avcı

Association between changes in chest depth and body image perception in adolescents undergoing vacuum bell therapy for pectus excavatum: a prospective cohort study **PA4035**
Sule Selin Akyan Soydaş (ANKARA, Türkiye), Gökçen Ünal

The Role of Video-Assisted Thoracoscopic Surgery (VATS) in Thoracic Trauma **PA4036**
Serkan Uysal (ANKARA, Türkiye), Yigit Yilmaz, Ulas Kumbasar, Erkan Dikmen

Postoperative morbidity following surgical management of bronchopulmonary malformations in adults **PA4037**
Imen Bouassida (Ariana , Tunisia), Chiraz Albouzidi, Fatma Inched Jmal, Mariem Hadj Dahmen, Houda Rouis, Hazem Zribi, Hedia Bellali, Adel Marghli

The effect of lung volume reduction surgery in patients with Alpha-1 antitrypsin deficiency related emphysema. **PA4038**
Sarah Ettayeby (Leiden, Netherlands), Tjeerd van der Veer, Emily van 't Wout

PS-31 Session 361 12:30 - 14:00

Poster session: Physiotherapy management strategies in asthma, lung cancer and obesity-related disease

Disease(s) : Airway diseases Respiratory critical care Thoracic oncology

Method(s) : Pulmonary rehabilitation Epidemiology Public health General respiratory patient care Surgery Pulmonary function testing Physiology Respiratory intensive care

Tag(s) : Clinical

Chairs : Chris Burtin (Diepenbeek, Belgium), Furkan Özdemir (Çankırı, Türkiye), Elena Gimeno-Santos (Barcelona, Spain)

Late Breaking Abstract - Symptom intensity and pre-treatment function for lung or head and neck cancer **PA4039**
Karina Souza (Presidente Prudente, Brazil), Matheus Pedroso, Isis Grigoletto, Letícia Oliveira, Sarah Martins, Karina Pozo, Paloma Borges, Isabela Duarte, Vinicius Cavalheri, Ercy Ramos

Repetitive Exercise Training Does Not Trigger Acute Airway Inflammation in Adults with Asthma **PA4040**
Rainer Gloeckl (Schoenau am Koenigssee, Germany), Daniela Kroll, Gaffar Abdulleyev, Tessa Schneeberger, Inga Jarosch, Wolfgang Hitzl, Rembert Koczulla

Aerobic training versus behavioral intervention to improve clinical control in patients with asthma: an RCT with 4 months of follow-up **PA4041**
David Halen Araújo Pinheiro (São Paulo, Brazil), Fabiano Francisco de Lima, Vitoria Zacarias Cervera, Yan Anderson Pires de Oliveira, Juliana de Melo Batista dos Santos, Cibele Cristine Berto Marques da Silva, Estefane Caroline Monteiro Reis, Alfredo José da Fonseca, Nemer Luis Pichara, Regina Maria Carvalho-Pinto, Marcio C Mancini, Ronaldo Aparecido da Silva, Celso R F Carvalho

Beyond Symptom Control: Linking Asthma Management to Multidimensional Quality of Life **PA4042**
Furkan Özdemir (Çankırı, Türkiye), Meral Boşnak Güçlü, İ. Kıvılcım Oğuzülgen

Clinimetric properties assessment of the brazilian version of the asthma self-management questionnaire **PA4043**
Lucien Peroni Gualdi (Natal (RN), Brazil), Lenice da Costa Lopes, Maria Luiza de Araújo Teixeira, Layane Costa da Silva, Gustavo Santos Dantas de Azevedo, Luiza de Araújo Fonseca, José Alexandre Barbosa de Almeida, Rencio Bento Florêncio, Karolinne de Souza Monteiro

An investigation of balance and associated factors in adult asthma patients **PA4044**
Ilknur Naz (Izmir, Türkiye), Bilge Yekta Dellal Kara, Elvan Felekoglu, Melissa Köprülüoğlu, Özge Oral Tapan

Voice can be used as a biomarker to detect asthma in adults: a cross-sectional study Yan Anderson Pires de Oliveira (São Paulo, Brazil), Fabiano F. Lima, David H.A. Pinheiro, Vitória Z. Cervera, Mariana L. Pestana, Victor S. Silva, Regina M. Carvalho-Pinto, Rosana C. Agondi, Marcelo Finger, Larissa C. Berti, Flaviane R.F. Svartman, Celso R.F. Carvalho	**PA4045**
Investigating the validity and reliability of the 6-minute stepper test in patients with asthma Nihan Katayıfçı (Ankara, Türkiye), Furkan Özdemir, Meral Boşnak-Güçlü	**PA4046**
Association between respiratory symptoms and acoustic voice parameters in individuals with moderate to severe asthma Yan Anderson Pires de Oliveira (São Paulo, Brazil), Fabiano F. Lima, David H.A Pinheiro, Vitória Z. Cervera, Mariana L. Pestana, Victor S. Silva, Regina M. Carvalho-Pinto, Rosana C. Agondi, Marcelo Finger, Larissa C. Berti, Flaviane R.F. Svartman, Celso R.F. Carvalho	**PA4047**
Effects of thoracic kinesio taping on pulmonary functions, respiratory muscle strength, and sleep in adults with obesity: A randomized controlled double-blind trial Yunus Emre TÜTÜNEKEN (848, Türkiye), Elif Kabasakal, Ezgi Menek, Berika Önsöz, Serhat Özyılmaz	**PA4048**
Body roundness index and respiratory and functional alterations in individuals with obesity Cigdem Emirza Cilbir (Ankara, Türkiye), Safak Yigit, Ceren Kilic, Alihan Oral, Fulya Calikoglu, Buket Akinci	**PA4049**
Body composition and respiratory muscle endurance in obesity with restrictive ventilatory pattern Şafak Yiğit (İstanbul, Türkiye), Çiğdem Emirza Cilbir, Ceren Kılıç, Alihan Oral, Bedia Fulya Çalıkoğlu Barbaros, Buket Akıncı	**PA4050**
Effects of exercise-alone or obesity medication-alone interventions on respiratory functions and ventilatory responses in individuals with obesity: a controlled study Buket Barutçu Akinci (İstanbul, Türkiye), Safak Yigit, Cigdem Emirza Cilbir, Alihan Oral	**PA4051**
Impact of COPD comorbidity on mobility disability in cancer survivors: a population-based study Leonardo Barbosa de Almeida (Juiz de Fora, Brazil), Danilo Cavalcante, Amanda Azevedo, Anderson Brandão, Lucas Sena, Evelim Gomes, Roberta Lins, Anderson José, Carla Malaguti	**PA4052**
Arm Functional Test Versus Arm Ergometer Testing in Breast Cancer Survivors HACER ONCU (Ankara, Türkiye), Naciye Vardar-Yagli, Melda Saglam, Sercan Aksoy, Ebru Calik	**PA4053**
Comparing Different Prehabilitation Approaches on Pulmonary function, Respiratory Muscle Strength and Clinical Outcomes in Lung Cancer Surgery: A Preliminary Randomized Controlled Trial Débora Pedroza Guedes Da Silva (Porto, Portugal), Lucimere Bohn, José Oliveira, Ermelinda Eusébio, Maria Gabriela Fernandes, Cristina Teixeira, Hugo Canelas, Pedro Fernandes, Adelino Leite-Moreira, Luísa Gonçalves, Ana Godinho, João Logarinho Monteiro, Filipa Kendall	**PA4054**
The relationship between fatigue and physical functioning after surgery in patients with non-small cell lung cancer Francesca Van Hulle (Gent, Belgium), Eva Arents, Sarah Haesevoets, Sarah Van Hoye, Nele Vandenbergh, David Ruttens, Maarten Criel, Dieter Stevens, Veerle Surmont, Lander Van Acker, Ingel Demedts, Els Wauters, Stephanie Everaerts, Daniel Langer, Chris Burtin, Heleen Demeyer	**PA4055**
The Relationship Between Cognitive Functions and Respiratory Parameters in Lung Cancer Patients Aslinur Çakir (Ankara, Türkiye), Naciye Vardar Yağlı, Melda Sağlam, Saadettin Kılıçkap	**PA4056**
Mandibular advancement reverses altered locomotion–respiration coupling in awake patients with obstructive sleep apnea Rémi Valentin (Paris, France), Baptiste Sandoz, Marie-Cécile Niérat, Thomas Similowski, Valérie Attali, Hélène Pillet	**PA4057**
The Role of Physiotherapy in Optimising Asthma Management Nadiia Korzh (Ivano-Frankivsk, Ukraine), Galyna Korzh, Mykola Ostrovskyy, Oleksandr Varunkiv, Mariana Kulynych-Miskiv, Iryna Makoida, Kostiantyn Shvets, Uliana Shevchuk-Budz	**PA4058**

PS-32 Session 362 12:30 - 14:00

Poster session: Advancing nursing care through evidence and experience

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Epidemiology | General respiratory patient care | Pulmonary function testing | Pulmonary rehabilitation | Public health | Respiratory intensive care | Palliative care

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Liliana Silva (Matosinhos, Portugal), Matthew Armstrong (Durham, United Kingdom), Helle Marie Christensen (Odense, Denmark)

Late Breaking Abstract - Enhancing safety in chest drain nursing care through Daily Chest Drain Round Wai Lam Wong (New Territories, Hong Kong), Chin Eng Tai, Sin Ling Emily Leung, Kai Bong Tse, Nok Ying Shum, Man Wai Tse	**PA4059**
Empowering respiratory nurses: national competency framework for professional recognition and development in Spain Leticia Bueno Freire (Madrid, Spain), Roberto Cabestre García, María Enríquez Jiménez, Carme Hernández, Yolanda Martín Vaquero, Alejandro Pastor Campo, Marta Sánchez Zaballos, David Díaz Pérez, Ana M. Ramírez Gallardo, Desirée Alemán Segura, Guadalupe Fontán Vinagre, Diego Ayuso Murillo, Roberto Guerrero Menéndez	**PA4060**
Investigation of Psychological and Nicotine Addiction Levels in Health Sciences Faculty Students Using Traditional and Electronic Cigarettes Selman Çelik (Istanbul, Türkiye), İpek İçbay, Tuğba Şahin	**PA4061**
Content validation of "Respir'air BPCO" through a modified e-Delphi study: a self-management digital intervention promoting physical activity in COPD Ricardo Salgado (Lausanne, Switzerland), Bastien Cheseaux, Sara Rosa, Arantxa Lopez, Claudia Ortoleva Bucher, Patrício Costa, Philippe Delmas, José Miguel Padilha	**PA4062**
Body plethysmography as a healthcare quality indicator: Evaluation of a training program in a pulmonary function laboratory Jose Daniel Cordero Marquez (Madrid, Spain), Rosa María Rojas Moreno-Tomé, Almudena Plaza Belinchón, Angélica María Quito Parra, Stephany Ivonne Briones Alvarado, José Javier García López	**PA4063**
Prevalence of non-invasive and invasive ventilation among Motor Neuron Disease: a systematic review and meta-analysis Federica Riva-Rovedda (Turin, Italy), Andrea Calvo, Cristina Moglia, Francesca Palumbo, Umberto Manera, Adriano Chiò, Rocco Francesco Rinaldo, Paolo Solidoro, Valerio Dimonte, Marco Clari	**PA4064**
Pregnant Women with Asthma in a Pulmonary Outpatient Clinic – A Qualitative Study Grounded in Critical Psychology Practice Research Helle Marie Christensen (Odense, Denmark), Ulla Møller Marcuslund, Sofie Lock Johansson, Karina Kjærsgaard Jørgensen	**PA4065**
"I want to share my story" understanding the lived experience & support needs of young adults with severe & uncontrolled asthma, a photo elicitation approach. Leanne Jo Holmes (manchester, United Kingdom), Karina Lovell, Marie Marshall, Nita Sehgal, Gareth Jones, Rachel Burton, Stephen Fowler	**PA4066**
Medical devices supporting pulmonary rehabilitation: a practical clinical review Liliana Silva (Matosinhos, Portugal)	**PA4067**
Health literacy and self-management outcomes in patients with COPD: an observational evidence-based perspective Gamze Oğuz (Kagıthane/Istanbul, Türkiye), Sibel Yolcu, Dilek Baykal	**PA4068**
Pre-Discharge Tracheostomy Education by Respiratory Nurses: A Key Intervention for Timely and Successful Home Discharge Kuen Han Lee (Shatin, Hong Kong), Pui Shan Chow, Yiu Hei Chan, Sze Ting Fong, Fung Ting Mak, Pik Kee Maggie Lit	**PA4069**
Antibiotic and corticosteroid stewardship in patients with severe asthma on a biologic: experiences from a nurse led exacerbation clinic. Annabel Price (Newcastle Upon Tyne, United Kingdom), Niall Molloy, Lesley Bell, Karen Hundrup, Karen Marshall, Sufyan Shakir, Simon Doe, Nicholas Lane	**PA4070**
Empowering general practice nurses in the United Kingdom to provide high quality care to people living with chronic respiratory disease in primary care. Kate Lippiett (Winchester (Hampshire), United Kingdom), Kate Gillett, Mari Carmen Portillo-Vega	**PA4071**
Sex-based differences in chronic obstructive pulmonary disease (COPD) hospitalizations: Insights from the Swedish National Airway Register Ann Ekdahl (Umeå, Sweden), Jon Konradsen, Lowie Vanfleteren, Caroline Stridsman	**PA4072**

Chronic Obstructive Pulmonary Disease and the Management of Cardiopulmonary Risk in the UK: A Systematic Literature Review and Modified Delphi Study — **PA4073**
Beverley Bostock (Moreton in Marsh, United Kingdom)

The Effect of Non-Invasive Mechanical Ventilation Training on Self-Efficacy in Nurses — **PA4074**
Kadir Burak Akgün (Hatay, Türkiye), Hülya Güç

Describing the impact of a novel dyspnea assessment tool: patient and clinician confidence in managing dyspnea and implementing action plans — **PA4075**
Charlotte Pooler (Edmonton (AB), Canada), Meena Kalluri, Meena Kalluri

Working towards the development of a competency framework for specialist interstitial lung disease (ILD) healthcare practitioners — **PA4076**
Maria Koulopoulou (London, United Kingdom), Ahmed Fahim, Rosemary Boorsma, Michelle Westlake, Joshua Burrough, Nazir Hussain, Claire Walker, Laura Fabbri

Comprehensive Respiratory Care - Back to the Fundamentals — **PA4077**
Gokul Vidyasankar (St. John's (NL), Canada), Ashley Ryan

A theory-driven self-management digital intervention to promote physical activity in people living with COPD (Respir'air BPCO): an ongoing pilot randomized trial — **PA4078**
Ricardo Salgado (Lausanne, Switzerland), Bastien Cheseaux, Michael Amiguet, Patrício Costa, Philippe Delmas, José Miguel Padilha

PS-33 Session 363 12:30 - 14:00

Poster session: Respiratory infections: antimicrobial resistance, biomarkers and population health

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology Endoscopy and interventional pulmonology Pulmonary function testing

Tag(s) : Translational , Clinical

Chairs : Raja Dhar (Kolkata (West Bengal), India), Stephanie Thee (Berlin, Germany), Freddy Frost (Liverpool, United Kingdom)

Late Breaking Abstract - A Biomimetic Nanovaccine HM@PLGA@cGAMP Protects against Multidrug -Resistant Acinetobacter baumannii Infection via Mucosal Immunity — **PA4079**
Xingran Du (Nanjing, China), Nan Gao, Shuaiyuan Liang, Fan Fei, Xiaoqin Jin, Ganzhu Feng, Xiuwei Zhang, Yong Song

The Global Burden of Antimicrobial Resistance in Chronic Lung Disease: First Results from the PRESIDE Registry – an AMR-Lung study — **PA4080**
Katharine Pates (London, United Kingdom), Chiara Premuda, Freddy Frost, Lydia Finney, Jatin Nagar, Amrita Bhattacharyya, Raja Dhar, Arafa Aboelhassan, Wang Chun Kwok, Chuhui Ru, Christina Thornton, Efthymia Papadopoulou, Stavros Tryfon, Emem-Fong Ukor, Pavel Dřevínek, Miquel Ekkelenkamp, Stephanie Thee, Anand Shah, Andrea Gramegna

Systemic inflammation and association with neutrophil proteome changes during respiratory viral infection: results from the INNOVATE study — **PA4081**
Kateryna Viligorska (Chernivtsi, Ukraine), Jeffrey Huang, Kara Robertson, Holly Lind, Clare Clarke, Chloe Hughes, David Connell, Holly R Keir, Zsofia Eke, Eve McIntosh, Emma Johnson, Amelia Shoemark, Thomas Pembridge, Jamie Stobo, Marek Gierlinski, Rebecca C Hull, Merete B Long, James D Chalmers

Major adverse cardiovascular events (MACE) risk after respiratory and urinary tract infection in COPD and non-COPD — **PA4082**
Daphne E.M. Peerlings (Maastricht, Netherlands), Anne E. Ioannides, Sarah Houben-Wilke, Sami O. Simons, Jennifer K. Quint, Frits M.E. Franssen

Plasma microbial cfDNA as a novel biomarker for the lung microbiome, inflammatory phenotypes, and exacerbation risk in COPD — **PA4083**
Kristofer Thörn (Mölndal, Sweden), Shiv Kale, Paul Babb, Michael Barton, Vijay Mistry, Koirobi Haldar, Sarah Diver, Antonio DiGiandomenico, Chia-Chen Chiang, Adam Platt, Erika Darrah, Zach Brohawn, Adnan Azim, Dave Singh, Jadwiga Wedzicha, Christopher Brightling, Zala Jevnikar, Sivan Bercovici

Healthcare-Seeking Behavior of Patients with Acute Upper Respiratory Tract Infections — **PA4084**
Yelyzaveta Beridze (Vinnytsia, Ukraine), Luiza Herman, Alina Moshchenko, Kateryna Shmyhyrivska, Anna Demchuk, Vitalii Poberezhets

Time-dependent mediation of virulence and antimicrobial resistance reveals distinct contributions to mortality in a longitudinal Klebsiella spp. cohort — **PA4085**
Chao Liu (Beijing, China), Chao Liu, Yunfei Tang

MET-1, the active metabolite of erdosteine, enhances antibiotic activity against Pseudomonas aeruginosa in vitro. PA4086
Bailey Ramsden (London, United Kingdom), Clive Page, Richard Amison

Integrated Single-Cell and Cytokine Profiling Reveals Bacterial Etiology–Specific Immune Signatures in ARDS PA4087
Mohamed Elbalkini (Hannover, Germany), Rosa Schürmann, Emily Jo Winter, Thorben Pape, Jannik Ruwisch, Klaus Stahl, Sascha David, Tobias Welte, Ulrich Kalinke, Benjamin Seeliger, Theresa Graalmann

Six-Month Follow-Up of Patients with Pulmonary Mucormycosis: A Prospective, Multicenter, Observational Study of 107 Patients PA4088
Zhibo Liu (Beijing, China), Bin Cao

Eravacycline for multidrug resistance bacteria-associated HAP/VAP: a real-world study of clinical efficacy and lung penetration PA4089
Xin Li (, China), Nanyang Li, Jingjing He, Jufang Wu, Lei Yang, Long Chen, Gang Wu, Caihua Xi, Zhenyang Liu, Yangyi Dai, Wei Liu, Xiaofen Liu, Jin Hu, Jing Zhang

Identifying antimicrobial resistance patterns in co-isolated species from retrospective bronchiectasis data: an AMR-CRC Lung study PA4090
Ollie Pitts (London, United Kingdom), Chiara Premuda, Yuan Zhiling, Mattia Nigro, Till Othmer, Nikolas Johl, Arafa Aboelhassan, Oto Melter, Pavel Drevinek, Rishi Dhillon, Irfan Shafiq, Nilüfer Acet-Öztürk, Ozge Aydin Guclu, Jamie Duckers, Wang Chun Kwok, Stefano Aliberti, Andrea Gramegna, Stephanie Thee, Freddy Frost, Anand Shah

Optimising antibiotic use in adult primary care through CRP-guided management and patient information leaflets: safety findings from an individually randomised factorial trial PA4091
Azamat Akylbekov (Bishkek, Kyrgyzstan), Elvira Isaeva, Maamed Mademilov, Volkert Siersma, Torsten Risør, Sif Arnold, Jesper Kjærgaard, Nandini Sreenivasan, Wesal Zaman, Talant Sooronbaev, Rune Aabenhus

Prevalence of Gram-negative ESKAPE pathogens in BAL fluid associated with severe lower respiratory tract infections: a 2025 retrospective study in Astana, Kazakhstan PA4092
Madina Mukanova (Astana, Kazakhstan), Natalya Latypova, Zhannur Sadvakassova, Gulnara Kamalbekova, Zauresh Smagulova, Konstantin Garkalov, Aigul Lukmanova, Erlan Suleimenov, Alexey Balas, Talgat Nurgeldiev

Acute Respiratory Infection Incidence and Hospitalization For Nine Viruses: October 2021–May 2024 PA4093
Mingyue Jiang (Beijing, China), Qing Wang, Memgmeng Jia, Yuping Duan, Jie Qian, Tingting Li, Yuhua Ren, Li Qi, Weizhong Yang, Luzhao Feng

Cost-effectiveness of PCV21, an adult-specific 21-valent pneumococcal conjugate vaccine, vs. PCV20 in Spain—a delta-price approach PA4094
Silvia Fernández Soberón (Madrid, Spain), Peter Mueller, Muloongo Simuzingili, Silvia Fernández-Soberón, Mario Monterrubio, Zinan Yi, Kwame Owusu-Edusei

Metabolic health indices and insulin resistance are independent determinants of SARS-CoV-2 vaccine–induced humoral immunity PA4095
Irene Karampela (Athens, Greece), Dimitra Petropoulou, Georgia Petropoulou, Maria Dalamaga

The 18 years impact of 1-dose and 2-dose Varicella Vaccine Voluntary vaccination on Epidemiology of Varicella in Beijing, China, 2007–2024 PA4096
Dan ZHAO (Beijing, China), Luodan Suo, Li Lu, Lai Wei, Ying Ma

Catching COVID - 19 Again: Does Frequency Matter for Quality of Life? PA4097
Frederike Pauline Schäfer (Kiel, Germany)

One-year mortality of immunocompromised patients hospitalized with community-acquired pneumonia PA4098
Anna Stainer (Rozzano, Milan, Italy), Margherita S. Silani, Andrea Dipasquale, Linda Bussini, Marco Mantero, Francesco Blasi, Michele Bartoletti, Stefano Aliberti, Antonio Voza

PS-34 Session 364 12:30 - 14:00

Poster session: Viral respiratory infections: virome, immunity and sequelae

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Cell and molecular biology Epidemiology Public health Respiratory intensive care

Tag(s) : Basic science, Translational

Chairs : Tommaso Morelli (Southampton, United Kingdom), Martin Witzenrath (Berlin, Germany), Lydia Finney (London, United Kingdom)

Late Breaking Abstract - Longitudinal study on the risk of COVID-19 associated hospitalization and ICU admission in individuals aged ≥60 years with COVID-19 vaccination during the four predominant periods of Omicron BF.7, XBB, EG.5, and JN.1 Variants in Beijing, China Dan ZHAO (Beijing, China), Feng Lu, Ying Ma, Tianqi Wang, Juan Li, Xiaomei Li, Zhiqiang Cao, Wei Yao, Moning Guo, Luodan Suo, Peng Yang	**PA4099**
A catalog of the human oral–airway virome informs respiratory health in ageing populations Yawen Ni (Beijing, China), Xiaohui Zou, Qing Zhang, Shenghui Li, Yue Zhang, Xiaoxuan Yao, Bin Cao	**PA4100**
Investigating the relationship between ongoing health impairments and Interleukin-6 one-year after hospital discharge for COVID-19 Muhammad Mamoon Iqbal (Leicester, United Kingdom), Kimon Ntotsis, Louise Wain, Thomas Ward, Christopher Brightling, Rachael Evans	**PA4101**
Characterization of the HPIV3-induced microRNA landscape and its functional impact on viral replication in primary human airway epithelia Fabian Röpken (Hannover, Germany), Philippe Vollmer Barbosa, Kevin Schmidt, Jan Fiedler, Katherina Sewald, Franziska Dahlmann, Armin Braun	**PA4102**
Targeting the ARIH2-BIK axis: A novel AAV-based therapeutic strategy to inhibit influenza A replication Yohannes Mebratu (Columbus, United States), Soner Yildiz, Mark Peeples, Lorena Rosas, Ana Mora, Jeffrey Horowitz, Mauricio Rojas, Yohannes Tesfaigzi, Adolfo García-Sastre, Sourabh Soni	**PA4103**
Real-world application of targeted multi-virus capture sequencing in the UNIVERSAL study enables subtype, lineage and genome recovery in hospitalised adults with respiratory viral infection (RVI). Martha Purcell (Southampton, United Kingdom), Diego Teixera, Tommaso Morelli, Marissa Knoll, Katie Bellis, Kerensa Thorne, Paul H Lee, Alexander Allen, Abigail B P Jones, Pedro Rodrigues, James Myerson, Matt Pavitt, Michael Crooks, Neil J Greening, Philip Mitchelmore, Salman Siddiqui, Cyrus Daneshvar, Stefan J Marciniak, Tristan W Clark, Anna Freeman, Ewan Harrison, Tom Wilkinson	**PA4104**
Epidemiology, Clinical Characteristics and Complications of RSV Infection in Adults Aged ≥60 Years in the German Outpatient Setting: Results from the BUCOSS Study Christopher Alexander Hinze (Hannover, Germany), Grit Barten-Neiner, Eberhardt Frank, Strauch Natalia, Rachel Reeves, Pavo Marijic, Manuela Stierl, Alen Marijam, Adriana Guzman, Paul Schmidt, Marcus Panning, Roland Diel, Gernot Rohde	**PA4105**
Analysis of VKORC1 Polymorphisms and Their Association with Clinical Outcome and Thromboinflammatory Parameters in COVID-19 Noelia Prieto-Martínez (Salt, Spain), Anna Vert Company, Maria Pugibet-Camarillas, Gladis Sabater, Marc Bonnin-Vilaplana, Olga Tura-Ceide	**PA4106**
High-efficiency inhibition of human adenovirus type 55 replication by CRISPR-Cas12a Lifang Yu (Beijing, China), Mengwei Niu, Jing An, Hao Li	**PA4107**
Time-resolved single-cell profiling reveals dynamic immune transitions during mild human influenza infection YUXIAN MU (Beijing, China), Hongyu Liu, Yeming Wang, Bin Cao	**PA4108**
Respiratory Syncytial Virus in Adults: Cardiorespiratory comorbidities as key determinants of clinical outcomes Alejandro García García (Madrid, Spain), Jorge Mora Pinilla, María Conejero Merchán, Waail Boubekri Boubekri, Mónica Babiano Nodal, Carmen Mira Palomino, Julia Sevanne Vega, Blanca Carrasco Fernández, Beatriz Raboso Moreno	**PA4109**
Influencing Factors for SARS-CoV-2 Reinfection and the Association of Employment Status with Functional Capacity and Long COVID: A Community-Based Cohort Study of 12,789 Adults Hui Zhang (Beijing, China), Yanyan Li, Rongling Zhang, Bin Cao	**PA4110**
Age-Specific Bordetella Pertussis Positivity Rates in Respiratory Panel Testing Tadashi Matsuda (Saitama, Japan)	**PA4111**
Immune activation markers in severe COVID-19 and Influenza and clinical outcomes Viktoria Rose Li (Gentofte, Denmark), Pradeesh Sivapalan, Kirstine Krøyer Rasmussen, Anna Kubel Vognsen, Theis Skovsgaard Itenov, Maja Milojevic, Wendy Bannister, Melissa Skeans, Sarah Pett, Gail Matthews, Christina Christoffersen, Ruth Frikke-Schmidt, Thomas Benfield, Jens Lundgren, Jens-Ulrik Jensen	**PA4112**
Beyond Age Thresholds: Respiratory syncytial virus (RSV) Morbidity in Younger Adults and Implications for Life-Course Vaccination. Kate Hinchion (Galway, Ireland), Fiona Murphy, Barry Fleming, Roisin Mulqueen, Padraig E. Hawkins, Ruth P. Cusack	**PA4113**

Respiratory Syncytial Virus Lower Respiratory Tract Infection in High-Risk Hospitalized Adults in Greece: A Retrospective Study (2022–2025) **PA4114**
Theocharis Georgiadis (Athens, Greece), Georgios-Ioannis Poupouzas, Nikolaos Athanasiou, Vasiliki Petta, Evangelos Balis, Konstantinos Kotsifas, Elena Kraniotaki, Athina Argiropoulou, Ranellou Kiriaki, Ioanna-Maria Dimopoulou, Paraskevi Katsaounou

Clinical characteristics and outcomes of adults hospitalised with respiratory syncytial virus and influenza infection: a retrospective analysis **PA4115**
Maria Olívia Aureliano Ramos (Montijo, Portugal), Jorge Montês, Beatriz Maio, Cristina Braço Forte, Mónica Grafino, Vera Martins, Sofia Tello Furtado

Clinical characteristics and 28-day In-hospital mortality risk factors of severe influenza viral pneumonia in the elderly **PA4116**
xiaoyan wang (Beijing, China), Xingxia Yang, Yanfei Guo

Development of Fully Primary Human Alveolar-Resident Macrophages to Study Streptococcus pneumoniae Infections **PA4117**
Cindia Ferreira Lopes (Plan-les-Ouates, Switzerland), Laureen Jaupart, Mireille Caul-Futy, Samuel Constant

Clinical Course and Disease Burden in Adults Hospitalized with RSV in Germany: A Multicenter Prospective Study **PA4118**
Christopher Alexander Hinze (Hannover, Germany), Grit Barten-Neiner, Frank Eberhardt, Natalia Strauch, Rachel Reeves, Pavo Marijic, Manuela Stierl, Alen Marijam, Adriana Guzman, Paul Schmidt, Marcus Panning, Roland Diel, Gernot Rohde

PS-35 Session 365 12:30 - 14:00

Poster session: Tuberculosis management: treatment issues and solutions

Method(s) : General respiratory patient care Imaging Public health Epidemiology Cell and molecular biology

Tag(s) : Clinical

Chairs : Giovanni Fumagalli (Milano, Italy), Margareth Maria Pretti Dalcolmo (Rio De Janeiro (RJ), Brazil), Chair to be confirmed

Late Breaking Abstract - Variability in tuberculosis diagnostic and treatment approaches across European countries: results from a multinational expert survey **PA4119**
Vaiva Kumpauskaitė (Vilnius, Lithuania), Ágnes Bakos, Denis Baricevic, Martha Beis, Agnar Bjarnason, Isabel Carvalho, Andra Cirule, Luis Coelho, Justina Antonela Dragomir, Federico Giannoni, Joanna Hermanowicz-Salamon, Ildikó Horváth, Solveiga Jekabsone, Rūta Kibarskytė-Gustainė, Olha Konstantynovska, Liga Kuksa, Troels Lillebaek, Vasilios Maravitsas, Panagiotis Mavroudis, Anastasia Mpalasopoulou, Hanna Nurmi, Diana Puipienė, Vasiliki Rizopoulou, Doina Rusu, Antti Saarinen, Eva Tabernero, Gabrielė Tarutytė, Ioannis Tomos, Brigid Unim, Giedrė Urbonavičiūtė, Tuula Vasankari, Rolandas Zablockis, Edvardas Danila

Treatment outcomes for people with multidrug- and rifampicin-resistant tuberculosis (MDR/RR-TB) : global findings **PA4120**
Dennis Falzon (Genève, Switzerland), Fuad Mirzayev

Factors Associated with Poor Prognosis of Tuberculosis in Adolescents **PA4121**
Khaoula Ben Amor (Tunis, Tunisia), Ella Nemsi, Sabrine Louhaichi, Salma Zarrouk, Eya Chouaiekh, Jamel Ammar, Besma Hamdi, Anges Hamzaoui

Quality of life and treatment continuity during linezolid therapy in drug-resistant tuberculosis and diabetes **PA4122**
Iryna Makoida (Ivano-Frankivsk, Ukraine), Mykola Ostrovskyy, Iryna Kostitska, Olha Molodovets, Mariana Kulynych-Miskiv, Oleksandr Varunkiv, Uliana Shevchuk-Budz, Yurii Makoida

Comparative effectiveness of standard regimen with vs without intravenous amikacin in cavitary nodular bronchiectatic Mycobacterium avium complex pulmonary disease **PA4123**
Tomoki Teramoto (Kurashiki, Japan), Akihiro Ito, Shotoku Kiyohara, Yasuhito Ogata, Yosuke Nakanishi, Tadashi Ishida

Predictors of Extended Treatment Duration in Drug-Susceptible Pulmonary Tuberculosis: A Multicenter Prospective Cohort Study **PA4124**
Yong-Soo Kwon (Gwang-ju, Republic of Korea), Bo Gun Kho, Hong-Joon Shin

Comparative Safety and Effectiveness of Fixed-Dose Combination Regimens for Tuberculosis in the Elderly: A Prospective Observational study in Taiwan **PA4125**
Yi-Chun Tsao (Xitun District, Taichung, Taiwan), Shin-Shin Liu, Ko-Yun Chang, Wei-Chang Huang

Comparative effectiveness of treatment strategies for drug-sensitive pulmonary tuberculosis: a systematic review and network meta-analysis — **PA4126**
Fengjie Tang (Chongqing, China), Yanmei Feng

The Safety and Efficacy of N-acetylcysteine (NAC) in the Prevention of Anti-tuberculosis Drug-induced Liver Injury (AT-DILI): A Systematic Review and Meta-analysis — **PA4127**
Beverly Christine Yu (MANILA, Philippines), Gene Philip Louie Ambrocio

Determinants of therapeutic management in pediatric multidrug resistant tuberculosis: a nationwide study. — **PA4128**
Blandine Prévost (Paris, France), Camille Menvielle, Guillaume Thouvenin, Corentin Poignon, Harriet Corvol, Nicolas Veziris

Outcomes of Long-Term Treatment Regimens in Patients with Multidrug-Resistant Tuberculosis (MDR-TB) — **PA4129**
Aylin Babalık (Istanbul, Türkiye), Ahmet Balıkçı, Elif Yorgancigil Ekici, Beste Bingili, Ayla Turkar

Late Breaking Abstract - Beyond environmental exposure: unexpected long-term persistence of clinical Mycobacterium kansasii lineages revealed by whole-genome sequencing — **PA4130**
Berenice Soto-Moncivais (Monterrey, Mexico), Kame A Galan-Huerta, Ivone P Ramirez-Cepeda, Elvira Garza-Gonzalez, Julio E Gonzalez-Aguirre, Luis A Nuñez-Garcia, Ana M Rivas-Estilla, Adrian G Rosas-Taraco, Fernando A Mata Avalos, Adrian Rendon

What's the hold up? Factors associated with delays to referral and treatment in gastrointestinal tuberculosis — **PA4131**
Alasdair Frater (London, United Kingdom), Pilar Hernández-Jiménez, Angela Miranda-Segura, Stephen Joseph, Susan Dart, Sulaimaan Ali-Sheikh, Lara Kabalan, Heinke Kunst

Altered cytokine-cytokine receptor interaction signatures in peripheral monocytes in post tuberculosis pulmonary sequalae. — **PA4132**
Palak Gupta (New Delhi, India), Geetanjali Bade, Afsa Junaid, Anjana Talwar, Saurabh Mittal, Karan Madan

Assessment of a simplified portable fluorescence immunoassay-based IGRA for detection of Mycobacterium tuberculosis infection — **PA4133**
Nadiia Tytarenko (Badalona, Spain), Júlia Valera, Hyeladi Samson, James Ngbede Ekwu, Paula Madrid, Joann Wyong Dyaji, Irene Latorre, John Bimba, Jose Domínguez

Pediatric Tuberculosis in Tunisia: Comparison of Characteristics Between Children and Adolescents — **PA4134**
Khaoula Ben Amor (Tunis, Tunisia), Besma Hamdi, Ella Nemsi, Selma Zarrouk, Eya Chouaiekh, Jamel Ammar, Sabrine Louhaichi, Agnès Hamzaoui

Late Breaking Abstract - Variations in current clinical practices in nontuberculous mycobacterial lung disease (NTM-LD) management across European countries: results from a multinational expert survey — **PA4135**
Vaiva Kumpauskaitė (Vilnius, Lithuania), Ágnes Bakos, Martha Beis, Andra Cirule, Luis Coelho, Andreas Fløe, Federico Giannoni, Gunnar Guðmundsson, Joanna Hermanowicz-Salamon, Ildikó Horváth, Solveiga Jekabsone, Rūta Kibarskytė-Gustainė, Olha Konstantynovska, Liga Kuksa, Panagiotis Mavroudis, Anastasia Mpalasopoulou, Hanna Nurmi, Cristian George Popa, Diana Puipienė, Vasiliki Rizopoulou, Doina Rusu, Antti Saarinen, Eva Tabernero, Gabrielė Tarutytė, Brigid Unim, Giedrė Urbonavičiūtė, Tuula Vasankari, Andrea Vukić Dugac, Rolandas Zablockis, Edvardas Danila

Smear-negative, Xpert-negative but culture-positive Tuberculosis: Identifying diagnostic delays and the role of empirical treatment — **PA4136**
Jing Kai Lim (Singapore, Singapore), Estee Pei Jin Soh, Teng Joo Lok, Caroline Victoria Choong

Asymptomatic tuberculosis in Spain: comparative analysis of the national registry versus symptomatic tuberculosis — **PA4137**
Imanol Gonzalez Muñoz (Barakaldo, Spain), Josefina Sabria Mestras, Joel Domingo Gonzalez Tapia, Luis Anibarro García, Paula Perez de Armas, Carlos Cabanillas Diez-Madroñero, Eva Tabernero Huguet

Assessment of Depression among Patients using Drug Resistant-Tuberculosis Treatment — **PA4138**
Faheem Jan (Islamabad, Pakistan), Nusrat Waheed, Asif Jan, Bilal Ahmad, Atif Hussain

PS-36 Session 366 12:30 - 14:00

Poster session: Lung cancer and co-existing conditions: a vicious cycle

Disease(s) : Thoracic oncology Interstitial lung diseases Respiratory critical care

Method(s) : Epidemiology Public health General respiratory patient care Cell and molecular biology Pulmonary function testing Surgery Respiratory intensive care Palliative care Physiology

Tag(s) : Clinical, Digital health

Chairs : Wouter H. van Geffen (Nijmegen, Netherlands), Rozália Igyártó (Jászberény, Hungary), Sheetal Chaurasia (Bangalore (Karnataka), India)

Late Breaking Abstract - Association between DASI and CPET-derived exercise capacity before lung cancer treatment: an interim pilot analysis Klaudia Jadczak (Białystok, Poland), Katarzyna Guziejko, Łukasz Minarowski, Robert M. Mróz	**PA4139**
Clinical, pathological, and genomic features of lung cancers associated with fibrosing interstitial lung diseases in a French multicentric cohort. nicolas poté (paris, France), Edouard Guenzi, Nathalie Theou-Anton, Alice Guyard, Arnaud Mailleux, Gérard Zalcman, Bruno Crestani, Aurélie Cazes	**PA4140**
Lung cancer in recurrent respiratory papillomatosis: data from the Papilloma-Lung study Jeremy Slomka (Paris, France), Thomas Maitre, Romy Ratsihorimanana, Juliette Camuset, Arnaud Bourdin, Minh triet Ngo, Raphael Borie, Pierre-Régis Burgel, Coraline Dumenil, Nicolas Favrolt, Marc Fortin, Laurence Desy, Valerie Gounant, Claire Drouet, Julie Mankikan, Frederic Riviere, Julie Lasvergnas, Nicolas Guibert, Vincent Cottin, Jacques Cadranel	**PA4141**
Impact of coexisting idiopathic pulmonary fibrosis on prognosis in patients with lung cancer: a nationwide cohort study Jinwoo Seok (Seoul, Republic of Korea), Hyewon Lee, Soo-Taek Uh, Hee-Young Yoon	**PA4142**
The potency of HRCT-defined emphysema in predicting efficacy of anti-PD-1 therapy in NSCLC was dependent on stratification of Goddard score: A multicenter real-world study. Danhong Zhou (Suzhou, China), Yifan Jin, Xuan Zhu, Shiying Guo, Yongquan Pan, Dong Qiu, Anqi Wang, Hao Ding, Lingfeng Min, Cheng Chen	**PA4143**
Who are the lung cancer patients left outside current screening criteria? Magda Inês Abreu (Matosinhos, Portugal), Sara Costa, Rita Rodrigues, Mª João Moura, Joana Lourenço, Diva Ferreira, Ana Vaz, Luísa Ramos, Joana Amado	**PA4144**
the transcriptional characteristics of lung cancer combined with chronic obstructive pulmonary disease cheng cheng (Chengdu, China), Yi Li, Qinglan Wang, Dan Liu, Weimin Li	**PA4145**
High prevalence of previously undiagnosed COPD in patients with non-small cell lung cancer: results from a prospective registry in Greece Myrto Kamaterou (Thessaloniki, Greece), Sofia Lampaki, Katerina Manika, Anastasios Vogiatzoglou, Eleni Papadaki, Dionysios Spyratos	**PA4146**
Trends in Lung Cancer Associated with Occupational Carcinogen Exposure in North Africa and the Middle East, 1990-2023 Emna BEN MBAREK (tunis, Tunisia), Emna Gara, Oussema Guesmi, Molka Osman, Hind Bouguerra, Mehdi Hakim Houman, Houyem Khiari	**PA4147**
When to Suspect Malignancy in Transudative Pleural Effusions Celal Satici (Istanbul, Türkiye), Furkan Atasever, Banu Kahriman, Melis Ece Terzioglu, Seda Tural, Sinem Nedime Sokucu	**PA4148**
Combined Impact of Reduced VO_2 and Predicted Postoperative DLCO on Outcomes After Lobectomy Natalia Varvará (Alpicat, Spain), Esther Gracia-Lavedan, Nerea Ramírez-Seco, Victoria Pozuelo, Ferran Barbé, Jessica González	**PA4149**
Characteristics and outcome of lung cancer associated with interstitial lung disease (ILD) are associated with the underlying diagnosis and severity of ILD: data from a series of 45 patients Camille Bérard (Lyon, France), Agathe Komaroff, Michael Duruisseaux, Kais Ahmad, Maxime Boussageon, Sébastien Couraud, Claire Lafitte, François Lestelle, Julie Traclet, Vincent Cottin, Thomas Pierret	**PA4150**
Malignant Transformation in Chronic Pulmonary Cavities: A Single-Center Experience Glykeria Christou (Athens, Greece), Dimitrios Altis, Vlasios Oikonomou, Tsionas Ioannis, Kontopoulos Dimitrios, Papagiannopoulos Georgios, Alexia Christina Vakouftsi, Zisis Charalampos, Ioannis Karampinis, Georgios Chamalakis	**PA4151**
Neutropenia during platinum-based chemotherapy as a predictor of respiratory complications in advanced lung cancer Becem Medini (Ariana, Tunisia), Manel Jabberi, Mariem Chaabane, Tasnime Znegui, Naziha Hammouda, Sarra Maazaoui, Sonia Hbibech, Hajer Racil, Nawel Chaouch	**PA4152**
Comparative Qualitative analysis of patient experience of lung cancer treatment in Northern Ireland and England Jithin Kuriakose (Belfast, United Kingdom), Nazia Chaudhuri	**PA4153**

Age-stratified long-term outcomes of immune checkpoint inhibitors for stage IV melanoma and NSCLC in the Netherlands: a population-based study **PA4154**
Eline G.M. Steenhuis (Zwolle, Netherlands), Lieke M. Disseldorp van, Femke J.C. Jacobs, Nathalie Schayk van, Karijn Suijkerbuijk, Marieke Louwman, Julia N.S. d'Hooghe, Ronald A.M. Damhuis, Wouter H. Geffen van

Conservative Versus Definitive Management of Malignant Pleural Effusions: A Retrospective Cohort Study **PA4155**
XIAO NA WANG (SINGAPORE, Singapore), Sanchalika Acharyya, Aaron Tay How Tan, Jing Wei Lee, Rachel Aik Tiam Quek, Wai Yinn Liew, Glenn Khai Wern Yong

Comparison of clinical variables and outcomes according to indications for intensive care unit admission in patients with lung cancer: a retrospective cohort study **PA4156**
Onur Binici (Izmir, Türkiye), Özlem Ediboğlu

Anxiety and depressive disorders among heavy smokers with lung cancer: a Tunisian cross-sectional study **PA4157**
Imen Kharrat (kairouan, Tunisia), Mohamed Khattat, Karim Felhi, Ameni Kacem, Roumaissa Bellara, Hajer Chakroun, Oumayma Khechini, Ameni Touil, Dhouha Ben braiek, Haifa Sfar, Jihen Ayachi, Rahma Ben Jezia

Comparison of immune-related adverse events of nivolumab and pembrolizumab treatment in patients with advanced non-small cell lung cancer in Kosovo: A single-center prospective study **PA4158**
Jeta Bunjaku Lama (Prishtina, Kosovo), Rozafa Koliqi*

PS-37 Session 367 12:30 - 14:00

Poster session: Endotypes, biomarkers and clinical studies in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Cell and molecular biology Imaging Pulmonary function testing Endoscopy and interventional pulmonology Physiology Pulmonary rehabilitation Epidemiology

Tag(s) : Clinical, Translational

Chairs : Umberto Zanini (monza, Italy), Eoin Judge (Dublin, Ireland), Shaney Barratt (Bristol (Avon), United Kingdom)

Late Breaking Abstract - cIAP1/TRAF2 complex is a key driver of TGF-β-mediated differentiation and is a potential therapeutic target in idiopathic pulmonary fibrosis **PA4159**
Manon Paccagnini (Dijon, France), Aymeric Zadoroznyj, Denis Masnikov, Apolline Sirdey, Marie Delles, Lucile Dondaine, Madeleine Jaillet, Françoise Goirand, Carmen Garrido, Guillaume Beltramo, Olivier Burgy, Arnaud Mailleux, Philippe Bonniaud, Laurence Dubrez

Molecular endotypes of IPF show distinct transcriptional overlap with antifibrotic drug responses **PA4160**
Marieke De Rooy (Leuven, Belgium), Kenny Anseele, Emanuela Elsa Cortesi, Tine Follet, Stefan Gogaert, Furkan Karadag, Nathalie Veyt, Tristan Backx, Celine Aelbrecht, Nico De Crem, Catharina Belge, Bart Vanaudenaerde, Wim A Wuyts, Marianne S Carlon, Laurens J De Sadeleer

Identification of an idiopathic pulmonary fibrosis subpopulation with dysregulated mucosal immunity **PA4161**
Florence Crabbé (Brussels, Belgium), Youri Bertrand, Julie Nizet, Nicolas Bordart, Marylène Lecocq, Delphine Hoton, Giulia Zorzi, Thomas Planté-Bordeneuve, Charles Pilette, Benoît Ghaye, Antoine Froidure

Comparative serum proteomics of idiopathic pulmonary fibrosis patients treated with pirfenidone or nintedanib **PA4162**
Dominik Leitz (Berlin, Germany), Michael Mülleder, Vadim Farztdinov, Julia Duerr, Karsten Senghas, Marc Schneider, Markus Polke, Felix Herth, Markus Ralser, Marcus Mall, Michael Kreuter

Baseline epithelial injury biomarkers are associated with disease progression in non-IPF fibrotic interstitial lung disease: results from the INJUSTIS study **PA4163**
Fasihul Khan (Leicester (Leicestershire), United Kingdom), Iain Stewart, Lucy Howard, Christopher Barber, Rebecca Borton, Rebecca Braybrooke, Glenn Hearson, Steve Jones, Toby Maher, Laura Matthews, Gauri Saini, Norma Thompson, Andrew Wilson, Simon Johnson, Gisli Jenkins

The distance–saturation–chronotropic response index as a marker of functional impairment in interstitial lung diseases **PA4164**
Khouloud Kchaou (Ariana, Tunisia), Saba Boubakri, Imen Talbi, Soumaya Khaldi, Yacine Ouahchi

Early changes in type VI collagen synthesis (serum PRO-C6) are associated with distinct lung function trajectories in idiopathic pulmonary fibrosis **PA4165**
Jannie M. B. Sand (Herlev, Denmark), Sebastian H. Rode, Filipa B. Simões, Nils Hoyer, Thomas Prior, Morten A. Karsdal, Diana J. Leeming, Elisabeth Bendstrup, Saher B. Shaker

Abnormal iron status rather than circulating iron levels is associated with impaired gas transfer in Idiopathic Pulmonary Fibrosis Niamh Boyle (Dublin, Ireland), Helen O'Brien, Donal O'Malley, Aoife Hunter, Patrick Twomey, Michael P. Keane, Adam J. Byrne, Cormac Mc Carthy	**PA4166**
Refining the GAP index: incremental prognostic value of continuous DLCO measurement in idiopathic pulmonary fibrosis Imen Guedri (Monastir, Tunisia), Wajih Ghribi, Saoussen Cheikh Mhamed, Ahmed Ben Saad, Samah Joobeur	**PA4167**
A prospective multicentric observational study on interstitial lung diseases treatment prescription practices among pulmonologists in India (India-ILD-Care study) Avishek Layek (New Delhi, India), Vijay Hadda, Irfan Sheikh, Nipun Malhotra, Tejas Suri, Pawan Tiwari, Saurabh Mittal, Karan Madan, Anant Mohan, Prasanta Raghab Mohapatra, Shalini Sharma, Raj Kumar, Sonam Spalgais, Dharm Prakash Dwivedi, Vishnukanth Govindaraj, Saurabh Karmakar, Lovely Sinha, Girish Sindhwani, Prakhar Sharma, Devesahayam J Christopher, Barney Isaac, Sheetu Singh, Bharat Bhushan Sharma, Pradyot Sinhamahapatra, Sulagna Chatterjee, Nazia Mehfooz, Farhana Siraj, Manu Chopra, Robin Chaudhary, Ajoy Kumar Behera, Ranganath Ganga, Vikas Marwah, Puneet Saxena	**PA4168**
Multidimensional evaluation of dyspnea and associated factors in idiopathic pulmonary fibrosis Karim Tazibet (Lille, France), Nathalie Bautin, Arnaud Bourdin, Isabelle Vachier, Maurice Hayot, Jacques Cadranel, Pierantonio Laveneziana, Matthieu Le Meledo, Sylvain Marchand-Adam, Laurent Plantier, Lidwine Wemeau, Victor Valentin, Silvia Demoulin-Alexikova, Vincent Cottin, Thierry Perez, Cécile Chenivesse	**PA4169**
Longitudinal machine learning for predicting follow-up 6-min walk distance in idiopathic pulmonary fibrosis Tomohiro Bando (Nagoya, Japan), Taiki Furukawa, Reoto Takei, Kensuke Kataoka, Tomoki Kimura, Fumiko Watanabe, Yasuhiro Kondoh, Koji Sakamoto, Makoto Ishii	**PA4170**
Cryptogenic organizing pneumonia (COP) relapse occurs despite ongoing treatment: findings from a real-life single-center study. Davide De Simone (Pisa, Italy), Giovanna Manfredini, Davide Chimera, Laura Tavanti, Laura Carrozzi, Francesco Pistelli	**PA4171**
Clinical and functional comparison of combined pulmonary fibrosis emphysema using consensus criteria. Nuno António Castelo Branco Carvajal (Sevilla, Spain), Angela López Bauzá, Cecilia López Ramírez, Alba Fernández Boza, Jose Antonio Rodríguez Portal, Jose Luis López Campos	**PA4172**
Presence of anti-Th/To antibodies in interstitial lung diseases - a retrospective exploratory study Adam Lasota (Łódź, Poland), Joanna Miłkowska-Dymanowska, Adam Jerzy Białas, Joanna Samanta Makowska, Wojciech Jerzy Piotrowski, Ewa Miądlikowska	**PA4173**
Caregiver burden among relatives of patients with Interstitial Lung Disease: a comparative study between two reference centers in Latin America Hiram Yair Aguilar Durán (ciudad de México, Mexico), Fabian Caro, Vanesa Quemehuencho, Martín Eduardo Fernández, Laura Sacnchez Nava, Karla Moreno Santíago	**PA4174**
Transbronchial lung cryobiopsy (TBLC) embedded in multidisciplinary team (MDT) evaluation improves diagnostic confidence and guides management in ILD: a real-world registry study Maja Gašperšič (Železniki, Slovenia), Katarina Osolnik, Aleš Rozman	**PA4175**
Reliability and validity of the European Portuguese Pulmonary Functional Status and Dyspnea Questionnaire - modified version (PFSDQ-M) and the Canadian Occupational Performance Measure (COPM) in interstitial lung disease (ILD) Cíntia Dias (Vila Nova De Gaia, Portugal), Raquel Marinho, Cátia Paixão, Eduarda Tinoco, Tiago Alfaro, Vânia Fernandes, Sérgio Campainha, Chris Burtin, Alda Marques	**PA4176**
Differences in the clinical examination findings of crackles, squeaks, wheeze, and digital clubbing in different types of interstitial lung disease: a retrospective study of 1260 subjects Sahajal Dhooria (Chandigarh, India), Nitika Khurmi, Ritesh Agarwal, Ashutosh Nath Aggarwal	**PA4177**
Photon-Counting CT versus High-Resolution CT for diagnostic confidence in ILD patients: a prospective study Francesco Amati (Pieve Emanuele (Milano), Italy), Gabriele Bongiovanni, Anna Stainer, Calogero Messana, Pietro Levoni, Maria De Santis, Giuseppe Mangiameli, Paola Bossi, Marco Francone, Luigi Maria Terracciano, Andrea Laghi, Letterio Politi, Stefano Aliberti	**PA4178**

PS-38 Session 368 12:30 - 14:00

Poster session: Novel mechanistic pathways in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : Cell and molecular biology Epidemiology Physiology Pulmonary function testing

Tag(s) : Basic science, Global reach

Chairs : Hiruni Nimesha (Gampaha, Sri Lanka), Juan Ignacio Enghelmayer (Ciudad Autónoma Buenos Aires, Argentina), Gautam George (Bryn Mawr, United States)

A novel GPX4 positive allosteric modulator ameliorates lung fibrosis via inhibition of ferroptosis and inflammation Seo-Yun Yang (Yongin, Republic of Korea), Ji-Hyun Park, Jung-mi Lee, Byung-hyun Park, Yong-hyun Joo, Gwang-won Jin, Sang-bin Jeon, Yoon-jung Kim, Hyun-seok Jung, Jung-woo Kim, Eun-jin Kim, Hyun-woo Park, Jae-wook Yoo, Yuna Chae, Sun-ho Choi, Han-eol Kim, Dae-young Lee, Moon-jung Goo, Su-jung Choi	**PA4180**
Precision-Cut Lung Slices (PCLS) as a Model to Study Radiation-Induced genome instability and Pulmonary Fibrogenesis Farah Moussa (Caen, France), Vincent Thomas de montpreville, Isis Blanchard, Jérôme Toutain, Jean-François Bernaudin, Elie Fadel, Myriam Bernaudin, Samuel Valable, Emmanuel Bergot, Aurélien Justet	**PA4181**
Exploring the role of chemerin in lung fibrosis Ani Garabet (Antwerp, Belgium), Philomène Lavis, Alessandra Cardozo, Benjamin Bondue	**PA4182**
Kynurenine-AhR-SLC39A10-Zn2+ Signaling Reprograms Macrophages and Enhances Pirfenidone Efficacy in Pulmonary Fibrosis Huilan Zhang (Wuhan (Hubei), China), Shiyi Zhang, Xuan Li, Huihui Yue, Ruihan Dong, Jianhan He, Congyi Wang, Yi Wang	**PA4184**
The PCSK6/CD48 axis: a novel regulator of pro-fibrotic immune-stromal crosstalk in pulmonary fibrosis ShiQi Yao (Shanghai, China), Xinru Chen, Zhenming He, Wenzheng Qin, Xiangyang Li, Jinfu Xu, Haiyan Ge	**PA4185**
Early chitinase-1 inhibition attenuates bleomycin-induced lung fibrosis more than delayed treatment Moo Suk Park (Seoul, Republic of Korea), Hyeon Kyu Choi, Goeun Oh, Mi Hwa Shin, Shihwan Chang, Ala Woo, Song Yee Kim, Chul Hoon Kim	**PA4186**
Castor (Ricinus communis L.) oil improves pulmonary damage induced by bleomycin in rats : experimental antifibrotic assessment Sana BAHRI (Tunis, Tunisia), Raed Abdennabi, Syrine Sakouhi, Mona Mlika, Saloua Jameleddine, Nourhène Boudhrioua	**PA4187**
LSC - 2026 - Lipidomics of extracellular vesicles from bronchoalveolar lavage identifies new target fo r pulmonary fibrosis. Léna E Silva (Dijon, France), Guillaume Beltramo, Pierre-Simon Bellaye, Léo Biziorek, Lucile Dondaine, Zandile Mlamla, Jean-Paul Pais De Barros, Carmen Garrido, Françoise Goirand, Philippe Bonniaud, Olivier Burgy	**PA4188**
Hidden in plain sight: home-cage activity as a novel digital biomarker for translational lung fibrosis research Fabio Bignami (Parma, Italy), Annalisa Murgo, Giuseppina Federico, Gianmarco Zambernardi, Guido Gottardo, Stefano Gaburro, Gino Villetti, Daniela Miglietta	**PA4189**
CycloZ improves lung function and structural remodeling across multiple bleomycin-induced pulmonary fibrosis models Jongsu Jeon (Pohang, Republic of Korea), Dohyun Lee, Seoyeong Baek, Gayeong Hur, Seung-Hyo Lee, Gyuwon Huh, Hoe-Yune Jung	**PA4190**
Multilineage anti-fibrotic effects and MoA of N23Ps quantified by single-cell RNA-seq in 3D human lung slices (hPCLS) Diana L Porras Gonzalez (Munich, Germany), Xin Wei, Kevin Merchant, Arun Kumar Verma, Michal Kratochwil, Niklas J Lang, Ahmed Agami, Hui-Lon Ma, Joshua F Jäger, Rebecca Aufmkolk, Juliane Merl-Pham, Steffanie Hauck, Gabriel Mirceau Stoleriu, Nikolaus Kneidinger, Jurgen Behr, Mareike Lehmann, Herbert Schiller, Ali-Onder Yildirim, Oliver Plettenburg, Michael Gerckens, Gerald Burgstaller	**PA4191**
Mesothelin Orchestrates a Pro-fibrotic Niche in the Lung: A Novel Therapeutic Target for Idiopathic Pulmonary Fibrosis Hejun Su (Shanghai, China), Yi Deng, Yue Wang, Jiayi Zhu, Shiqi Yao, Yanyin Liu, Chengyu Yang, Qingqing Lin, Jinfu Xu, Haiyan Ge	**PA4192**
Mechanism of copper accumulation inducing cuprotosis in epithelial cells and promoting pulmonary fibrosis Hailing Zhang (Guangzhou, China), Lu Yuan, Jihong Huang, Junyi Lu, Zhixian Zhu, Fan Yang, Xiaoyue Ge, Shangwen He, Laiyu Liu	**PA4193**

Acta2 positive alveolar type II cells represent a distinct, injury-responsive progenitor population in IPF PA4194
Jin-San Zhang (Quzhou, China), Baiqi He, Jin Wu, Handeng Lyu, Wanqi Miao, Chengshui Chen

Targeting Senescent Cells for Pulmonary Fibrosis Therapy PA4195
Gaoying Chen (HangZhou, China), Ruiqi Zhang, Jiawei Shao, Songmin Ying

LSC - 2026 - Multiomic profiling reveals early disease mechanisms of lung fibrosis progression PA4196
Huijuan Wang (Bern, Switzerland), Klara Schnyder, Cheryl Magnin, Joshua Roos, Hanne Voet, Matthias Brunner, David Ferreira, Sara Krättli, Manuela Funke-Chambour, Remy Bruggmann, Adela-Cristina Sarbu, Janina Wolf, Stijn Verleden, Britta Maurer, Janine Gote-Schniering

Restoring METTL14 via PRMT3 inhibition attenuates fibrotic remodeling in pulmonary fibrosis PA4197
Yude Wang (Shang hai, China), Yang Hu, Changbo Sun, Lixin Wang, Zhiyong Chen, Yuan Zhang, Yiliang Su, Dong Weng

Acacetin disrupts a CREB1/LRRC15/AKT feedback loop to suppress LRRC15+ myofibroblast activation and pulmonary fibrosis PA4198
Yi Wang (Wuhan, China)

PS-39 Session 369 12:30 - 14:00

Poster session: From phenotyping to treatment evaluation in sarcoidosis

Disease(s) : Interstitial lung diseases

Method(s) : Epidemiology Pulmonary function testing Public health General respiratory patient care Imaging Physiology

Tag(s) : Clinical

Chairs : Jacobo Sellares Torres (Barcelona, Spain), Mareye Voortman (Utrecht, Netherlands), Aysu Sinem Koç (Istanbul, Türkiye)

Systemic Treatment Trajectories and Comorbidity Burden in Sarcoidosis: A Retrospective Monocentric Real-World Analysis PA4199
Sara Postiferi (Siena, Italy), Tommaso Pianigiani, Clarissa Milli, Flavio Simoncini, Giulio Natalello, Claudia Gambini, Giuseppe Legrottaglie, Federico Nigroli, Asia Fanella, Sofia Marrucci, Leonardo Rubegni, Akter Dilroba, Martina Meocci, Matteo Peruzzi, Emma Ramacciotti, Annalaura Digrazia, Bice Verruso, Concetta Iandolo, Carmela Olivieri, Laura Bergantini, Paolo Cameli, Elena Bargagli

Systemic corticosteroids and quality-of-life in sarcoidosis: A systematic review and meta-analysis PA4200
Woong-Ui Hong (Seoul, Republic of Korea), Eun Chong Yoon, Hee-Young Yoon

New organ manifestations associated with pulmonary sarcoidosis years later in a longitudinal patient-reported cohort: real-world data from the Foundation for Sarcoidosis Research Patient Registry PA4201
Elise Hoover (Chicago, United States), Ethan Fechter-Leggett, Elliott Crouser, Logan Harper, Taylor Harwood, Timothy Legenzoff, Mary McGowan, Leslie Serchuck, Tricha Shivas

Respiratory sarcoidosis and war in Kharkiv region, Ukraine: 8 years (2018-2025) observational study PA4202
Olha Konstantynovska (Kharkiv, Ukraine), Petro Poteiko, Valeriia Nemtsova

Association between environmental exposure and disease phenotype in pulmonary sarcoidosis PA4203
Pierre Sorbi (Yvoir, Belgium), Thomas Planté-Bordeneuve, Caroline Dahlqvist

Correlation between visual analogue scales and patient reported outcome measures in sarcoidosis PA4204
Friso de Weert (Rotterdam, Netherlands), Vivienne Kahlmann, Catharina Moor, Marlies Wijsenbeek, Rémy Mostard, Daan Loth, Bart Koopman, Marcel Veltkamp

Methotrexate Versus Corticosteroids as First-line Treatment for Pulmonary Sarcoidosis: Systematic Review and Meta-analysis PA4205
Shankar Biswas (Ivano-Frankivsk, Ukraine), Yashasvi Srivastava, Rahul Falodia, Ayman Hamadttu, Prahlad Rao Kulkarni, Anagha Shankar, Niharika Mally

Ethnic Differences in Sarcoid Presentation and Management at a UK tertiary ILD centre PA4206
Emma Louise Hardy (Sale, United Kingdom), Salman Qayum, Anna Thompson, Emma Hardy, Jonathon Shaw, Colm Leonard, Bavithra Vijayakumar

Sarcoidosis and Systemic Comorbidities: Sex-Related Differences in a Multicenter Italian Cohort. PA4207
Clarissa Milli (Siena, Italy), Tommaso Pianigiani, Sara Postiferi, Gabriela Marlene Morales Blanco, Leonardo Rubegni, Matteo Peruzzi, Flavio Simoncini, Giulio Natalello, Akter Dilroba, Sofia Marrucci, Martina Meocci, Laura Bergantini, Sara Lonni, Sara Fois, Giovanni Franco, Lorena Gallotti, Paolo Cameli, Alessandro Giuseppe Fois, Fabrizio Luppi, Anna Agnese Stanziola, Fabiano Di Marco, Elena Bargagli

Microcirculatory Changes in Sarcoidosis: Insights from Nailfold Capillaroscopy in advanced and refractory cases **PA4208**
Barbara Ruaro (Trieste, Italy), Lucrezia Mondini, Mariangela Barbieri, Chiara Bozzi, Renata Greco, Maria Chianese, Micol Pividori, Marta Maggisano, Filippo Martone, Marco Confalonieri

Enhanced myocardial suppression on [^{18}F]FDG PET/CT in suspected cardiac sarcoidosis with an 18-hour fasting protocol **PA4209**
H. Yvo Santema (Leiden, Netherlands), Dennis Vriens, Fee A J Esser, Hans-Marc J Siebelink, Jelle J Goeman, J Lauran Stoger, Felicia L Stevens, Maarten M Ninaber, Lioe-Fee de Geus-Oei

Microvascular Insights in Sarcoidosis and EGPA: Capillaroscopy Reveals Disease-Specific Microcirculatory Patterns **PA4210**
Barbara Ruaro (Trieste, Italy), Rossella Cifaldi, Mariangela Barbieri, Giorgio Monteleone, Michael Hughes, Paola Confalonieri, Francesco Salton, Caterina Antonaglia, Marta Maggisano, Filippo Martone, Marco Confalonieri

Extra-pulmonary sarcoid: insights from a tertiary ILD cohort **PA4211**
Jonathon Shaw (Manchester (Greater Manchester), United Kingdom), Anna Thompson, Emma Hardy, Qayum Salman, Trishala Raj, Colm Leonard, Bavithra Vijayakumar

Comparative Evaluation of Neuron-Specific Enolase and Angiotensin-Converting Enzyme in the Diagnosis and Monitoring of Sarcoidosis **PA4212**
Zeynep Hande Kocaer (Ankara, Türkiye), Esma Andaç Uzdoğan, Ayşegül Karalezli

Is progressive disease severity (measured by FVC and DLCO) associated with increased likelihood of clinic DNA in patients with ILD? **PA4213**
Nimrah Mirza (Hackney, United Kingdom), Shuhan Li, Selena Yang, Jack Callum

Screening for cardiac sarcoidosis **PA4214**
Elżbieta Puścińska (Warszawa, Poland), Anna Goljan-Geremek, Agnieszka Kołodzińska, Sonia Borodzicz-Jażdżyk, Małgorzata Kobylecka, Patrycja Nejman-Gryz, Julia Rutkowska, Joanna Żuchowska, Paweł Śliwiński, Marcin Grabowski, Jolanta Kunikowska, Rafał Krenke

Disparity between eligibility and access to infliximab in pulmonary sarcoidosis at a UK tertiary Interstitial Lung Disease service **PA4215**
Emma Louise Hardy (Sale, United Kingdom), Jonathon Shaw, Anna Thompson, Salman Qayum, Bavithra Vijayakumar, Colm Leonard

Impaired quality of life in advanced sarcoidosis patients **PA4216**
Ogugua Ndili Obi (Greenville, United States), Robert P Baughman, Ashley Cattran, Marc Judson, Surinder S Birring, Helmi Van Hirtum, Marcel Veltkamp, W. Ennis James, Lisa Maier, Violetta Vucinic, Eva Carmona, Mehdi Mirsaedi, Vasileios Kouranos, Athol U. Wells, Elyse E. Lower

The Relationship Between Employment Status and Subjective Fatigue in Interstitial Lung Disease **PA4217**
Ceren Derya Gültekin (Ankara, Türkiye), Sema Nur Atmaca, Rengin Demir, Aysel Yıldız Özer, Ersan Atahan

PS-4 Session 370 12:30 - 14:00

Poster session: Beyond symptoms: primary-care insights into asthma and lung function in obstructive disease

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Public health Pulmonary function testing Cell and molecular biology

Tag(s) : Clinical, Digital health

Chairs : Luke Daines (Edinburgh (Edinburgh), United Kingdom), Jennifer Quint (London, United Kingdom), Ioanna Tsiligianni (Heraklion (Crete), Greece)

Late Breaking Abstract - Insights on the IMPlementing IMProved Asthma self-management as RouTine (IMP2ART) trial findings: A multi-method synthesis across process and impact evaluation data. **PA4218**
Liz Steed (London, United Kingdom), Jessica Sheringham, Catherine MacLeod, Brigitte Delaney, Viv Marsh, Vicky Hammersley, Kirstie McClatchey, Stephanie Taylor, Hilary Pinnock

Short-acting β2-agonists (SABA) monotherapy and associated factors among patients with asthma -a report from the Swedish National Airway Register **PA4219**
Stina Selberg (Umeå, Sweden), Iman Ranjbar, Jon R.Konradsen, Caroline Stridsman

Shared decision-making in asthma management: impact of MART and AIR implementation on salbutamol prescribing and carbon emissions in primary care from April 2024 to April 2025 **PA4220**
Meredith Donaldson (MARKET RASEN, United Kingdom), Carl Deaney

Influenza Vaccination Coverage and Associated Factors, Including Asthma Diagnosis, in Korea: Analysis of the Korea National Health and Nutrition Examination Survey (2014–2021) Yu-Mi Park (Seoul, Republic of Korea), Hana Kim, Hyun Hee Kim, Yoon Hong Chun	**PA4221**
Predictors of inhaled corticosteroid, SABA, and triple-therapy reduction following biologic initiation in severe asthma: real-world evidence from the International Severe Asthma Registry and Optimum Patient Care Research Database Enrico Marco Heffler (Milano, Italy), Andrew Menzies-Gow, Michael Wechsler, Kjell Håkansson, Luis Perez-de-Llano, Diane Lougheed, Piotr Kuna, Mona Al-Ahmad, Carlos Torres-Duque, Désirée Larenas-Linnemann, Florence Schleich, Riyad Al-Lehebi, Francisco Machado, Takashi Iwanaga, Sverre Lehmann, Diahn-Warng Perng, Maria Kallieri, Paulo Pitrez, Mei Fong Liew, Bassam Mahboub, Jorge Máspero, Chin Kook Rhee, Todor Popov, Alan Altraja, Richard Costello, Patrick Mitchell, Anna Qiu, Sundeep Salvi, Ivan Cherrez-Ojeda, Camille Taillé, Christian Taube, Job van Boven, Liam Heaney, Stephen Tilley, Lakmini Bulathsinhala, John Busby, Aaron Beastall, Ghislaine Scelo, John Townend, Heath Heatley, David Price	**PA4222**
Improved asthma symptoms following digital support with the AsthmaOptimiser in Chilean primary care: the OptimAIR study Janwillem W. H. Kocks (Groningen, Netherlands), Javiera Corbalán Pössel, Maarten van den Berge, Max Cortés Espinoza, Iris van Geer-Postmus, Evelien Harms, Yvette J.M. Jansen, Njira Lugogo, Jiska M. Meijer, Natalia Meléndez, Francisca Rojas, Miguel Román Rodríguez, Daniela Siegmund, Ana María Stok, Nilouq Stoker, Jill L. Stuifzand, Nynke Talma, Sergio Zunino, Marika T. Leving	**PA4223**
Opportunities for optimization of asthma management by using the AsthmaOptimiser in primary care: the multi-country OptimAIR study Janwillem W. H. Kocks (Groningen, Netherlands), Miguel Roman-Rodríguez, Maarten van den Berge, Javiera Corbalán Pössel, Iris van Geer, Evelien Harms, Yvette Jansen, Njira Lugogo, Jiska Meijer, Ana Maria Stok, Jill Stuifzand, Nynke Talma, Sergio Zunino, Marika Leving	**PA4224**
Impact of the digital decision-support tool AsthmaOptimiser on asthma outcomes in Argentina: the OptimAIR study Sergio Daniel Zunino (buenos aires, Argentina), Janwillem W. H. Kocks, Diego Abdala, Maarten van den Berge, Javiera Corbalán Pössel, Fabián Dabove, Carlos Martín Elías Rein, Iris van Geer-Postmus, Cyntia Guzmán, Evelien Harms, Yvette J.M. Jansen, Njira Lugogo, Jiska M. Meijer, Marieke Pijnenburg, Renzo Ricciuti, Miguel Román Rodríguez, Ana María Stok, Jill L. Stuifzand, Nynke Talma, Marika T. Leving	**PA4225**
Liverpool community airway diagnostic service: consultant recommendations in primary care in the management of asthma Carmen Bourne (Liverpool, United Kingdom), Maria Christodoulou, Rachel Burton, Maria Puthoor, Mariella Scott, Sanaa Ahmed, Devon Ward, Timothy Ho, Hassan Burhan	**PA4226**
Nearly Half of Patients have Acute Exacerbations Prior to New COPD, Asthma or ACOS Diagnosis in Australian Primary Care Madeline Carr (Nedlands, Australia), Vidya Navaratnam, Alan Leib, Stuart Adamson, Brett Montgomery, Christopher Kosky, John Blakey, Sanjay Ramakrishnan	**PA4227**
Barriers and facilitators to accessing and delivering asthma care in the UK: A qualitative exploration of patient/parent and healthcare provider perspectives. Purva Abhyankar (Edinburgh, United Kingdom), Huayi Huang, Irtiza Qureshi, Freya Howell, Emma Kinley, Jessica Sheringham, David Lo, Tracy Jackson, Jennifer Quint, Constantinos Kallis, Gwyneth Davies, Erol Gaillard, Hilary Pinnock	**PA4228**
A randomised controlled trial assessing effectiveness and cost-effectiveness of a primary care intervention to promote engagement in an online health community for adults with troublesome asthma: work in progress Averick Bellows (London, United Kingdom), Helen Wood, Yangzihan Wang, Xiancheng Li, Georgios Karampatakis, Chris Griffiths, Anna De Simoni	**PA4229**
STAR classification robustly predicts mortality in COPD and is non-inferior to lung volume–adjusted indices. Sebastian Fähndrich (Freiburg, Germany), Leticia Grize, Björn C. Frye, Anna Salina, Eleni Papakonstantinou, Maria Pascarella, Andreas Hoheisel, Daiana Stolz	**PA4230**
“Spirometry is a really cruel tool”: A mixed methods study with UK healthcare professionals mapping current diagnostic pathways for COPD diagnosis in primary care, understanding challenges and exploring potential alternatives Helen Ashdown (Oxford, United Kingdom), Caity Roleston, Margaret Glogowska, Philip Turner, Leo Campbell, Chris Butler, Gail Hayward	**PA4231**

Acceptability and feasibility of oscillometry compared with spirometry in primary care **PA4232**
Janwillem W. H. Kocks (Groningen, Netherlands), Miguel Roman-Rodríguez, Maarten van den Berge, Javiera Corbalán Pössel, Iris van Geer, Evelien Harms, Yvette Jansen, Njira Lugogo, Jiska Meijer, Ana Maria Stok, Jill Stuifzand, Nynke Talma, Sergio Zunino, Marika Leving

Spirometric screening for COPD and asthma in underserved regions of Greece **PA4233**
Ilektra Voulgareli (Athens, Greece), Lambrini Vlassi, Stylianos Loukides, Nicoletta Rovina, Paraskevi Katsaounou, Viorelis Drougias, Charalampos Moschos

Baseline readiness for spirometry integration in rural primary healthcare facilities in western India **PA4234**
Eesha Chawan (Pune, India), Sayali Kasture, Radhika Nimkar, Rutuja Patil, Anand Kawade, Girish Dayma, Hilary Pinnock, Dhiraj Agarwal

ICS, SABA and triple therapy patterns of use following biologic initiation in severe asthma: real-world evidence from the International Severe Asthma Registry and Optimum Patient Care Research Database **PA4235**
Trung Tran (Gaithersburg, United States), Heath Heatley, Rohit Katial, Giorgio Canonica, Kjell Håkansson, Diane Lougheed, Piotr Kuna, Mona Al-Ahmad, Carlos Torres-Duque, Désirée Larenas-Linnemann, Florence Schleich, Riyad Al-Lehebi, Francisco Machado, Takashi Iwanaga, Sverre Lehmann, Diahn-Warng Perng, Nikolaos Papadopoulos, Paulo Pitrez, Mei Fong Liew, Bassam Mahboub, Jorge Máspero, Chin Kook Rhee, George Christoff, Alan Altraja, Richard Costello, Patrick Mitchell, Anna Qiu, Sundeep Salvi, Ivan Cherrez-Ojeda, Arnaud Bourdin, Christian Taube, Job van Boven, David Jackson, Stephen Tilley, Lakmini Bulathsinhala, John Busby, Aaron Beastall, Ghislaine Scelo, John Townend, Borja Cosio, David Price

Management of severe asthma in Poland: asthma specialists vs primary care physicians **PA4236**
Monika Knopczyk (Warsaw, Poland), Michał Panek, Tomasz Dębowski, Maciej Kupczyk

PS-40 Session 371 12:30 - 14:00

Poster session: Molecular mechanisms underlying the pathogenesis of pulmonary hypertension

Disease(s) : Pulmonary vascular diseases

Method(s) : Cell and molecular biology Imaging Physiology Epidemiology

Tag(s) : Basic science, Clinical, Translational

Chairs : Luai Khalaili (Haifa, Israel), Luke Howard (London, United Kingdom), Laurent Savale (Le Kremlin-Bicêtre, France)

Late Breaking Abstract - Efficacy of NS-863, a novel orally bioavailable selective PDGFR inhibitor, in preclinical rat models of PAH and PH-ILD **PA4237**
Chiaki Fuchikami (Kyoto, Japan), Kyota Hayashi, Kazuya Kuramoto, Yuji Ohno, Michiko Oka

SOX17 in human and experimental pulmonary arterial hypertension. **PA4238**
Thomas Lacoste-Palasset (Le Kremlin-Bicetre, France), Anaïs Saint-Martin-Willer, Benoît Aguado, Mathieu Gourmelon, Mary Dutheil, Hélène Le Ribeuz, Veronique Capuano, Florence Coulet, Marc Humbert, Fabrice Antigny, David Montani, Grergoire Ruffenach

PARP Inhibition: a Right OPTION for the Treatment of Pulmonary Arterial Hypertension? **PA4239**
Sarah-Eve Lemay (Quebec, Canada), Yahe Xu, Pascale Blais-Lecours, Chanil Valasarajan, Sandra Breuils-Bonnet, Andréanne Pelletier, Magali Boucher, Sandra Martineau, Soni Savai Pullamsetti, Olivier Boucherat, François Potus, John Granton, Jason Weatherald, Sébastien Bonnet, Steeve Provencher

Pharmacological inhibition of STAT3 prevents hyperoxia-induced Notch3 dysregulation, depletion of vascular pericytes, and lung from vascular remodeling **PA4240**
Mohammad Amin Mahjoub (Giessen, Germany), Stephanie Stephan, Dharmesh Hirani, Tobias Trojan, Chaitra Pujari, Ivana Mizik, Zurine Blasco-Iturri, Alejandro Egea-Zorrilla, Christina Vohlen, Anoop Cherian, Siavash Mansouri, Ioannis Alexopoulos, Werner Seeger, Rajkumar Savai, Soni Savai-Pullamsetti, Ana Pardo-Saganta, Miguel A. Alejandre Alcazar

Stabilization of IL-33 by Cullin 5-driven K63 Ubiquitination Underlies Endothelial Injury in Pulmonary Vascular Remodeling **PA4241**
Lei Wang (Xi'an, China), Jie Liu

Bidirectional Crosstalk Between Sleep and Pulmonary Arterial Hypertension **PA4242**
Yassine Sassi (ROANOKE, United States), Seun Imani, Aymen Halouani, Nathan Burgess, Samar Antar, Matthew Weston, Stephen Chan

Paracrine Action of Bone Morphogenetic Protein 3 in Pulmonary Arterial Hypertension **PA4243**
Yassine Sassi (ROANOKE, United States), Aymen Halouani, Michael Katz, Seun Imani, Samar Antar, Lahouaria Hadri

Transcriptomic profiling of pulmonary endothelial cells harvested from pulmonary artery catheter in pulmonary arterial hypertension **PA4244**
Anna Sardiné (Barcelona, Spain), Ricardo Aguilar, Aránzazu Rosado, Rita Fernández-Hernández, Isabel Blanco, Ylenia Roger, Clara Martín-Ontiyuelo, Adelaida Bosacoma, Ana M. Ramírez, Alberto Benguría, Víctor I Peinado, Olga Tura-Ceide, Ana Dopazo, Joan A. Barberà

Circulating PCSK9 as a Novel Macrophage-Derived Biomarker for Disease Severity and Right Ventricular Remodeling in Pulmonary Arterial Hypertension **PA4245**
Li Yuhan (Beijing, China), Li Haobo, Li Xincheng, Zhai Zhenguo, Zhang Yunxia

Fibronectin-Integrin α5β1 Axis as a Determinant of Right Ventricular Failure in Pulmonary Arterial Hypertension **PA4246**
Sarah-Eve Lemay (Quebec, Canada), Yann Grobs, Sandra Martineau, Manon Mougin, Sandra Breuils-Bonnet, Alice Bourgeois, Magali Boucher, Andréanne Pelletier, Roxanne Desbiens, Justin Bellavance, Amanda Ménard, Soni Savai Pullamsetti, Rajkumar Savai, François Potus, Steeve Provencher, Olivier Boucherat, Sébastien Bonnet

Anti-ZIP12 mAb APL-9796 Attenuates Fibrosis and Inflammation in Experimental Pulmonary Hypertension Rodent Model **PA4247**
Lan Zhao (London, United Kingdom), Chien-nien Chen, Iyobel Kibred, Nicoleta Baxan, Stephanie Hopley, Martin Wilkins

Targeting Cystic Fibrosis Transmembrane Conductance Regulator (CFTR): a therapeutic interest in pulmonary arterial hypertension? **PA4248**
Trouille Maël (Le Plessis-Robinson, France), Mathieu Gourmelon, Mary Dutheil, Dy Monniroth Snga, Alexandre Hinzpeter, Thomas Lacoste-Palasset, Olaf Mercier, Veronique Capuano, Grégoire Ruffenach, David Montani, Fabrice Antigny, Hélène Le Ribeuz

CFTR loss in endothelial cells promotes pulmonary arterial hypertension **PA4249**
Lasti Erfinanda (Berlin, Germany), Caihong Li, Ruth Olmer, Wolfgang M. Kuebler

Enhancing clearance of senescent endothelial cells by activation of lung-resident iNKT cells as a novel therapeutic strategy for pulmonary arterial hypertension **PA4251**
Elmira Safaie Qamsari (Ottawa, Canada), Yupu Deng, Jalil Azami, Nicholas D Cober, Anli Al Yang, Duncan J Stewart

Erythropoietin-Primed Bone Marrow Mesenchymal Stem Cell-Derived Exosomes Deliver Sfrp1 to Inhibit Wnt/β-catenin and Treat High-Altitude Pulmonary Hypertension **PA4250**
Lu Guo (Chengdu (Sichuan), China), Zhendong Zhong, Liqing Yang, Jiaqi Ji, Yan Yang, Nianchi Wen

Plasma RCN3 is a novel biomarker for the early diagnosis of hepatopulmonary syndrome in cirrhotic patients **PA4254**
Fangping Ding (Beijing, China), Yingmin Ma, Jiawei Jin

Fibroblasts FMO3-derived TMAO accelerates right ventricular fibrosis under pressure overload **PA4255**
Qianwen Bai (Guangzhou, China), Tao Wang

LINC01615 promotes mitophagy by IGF2BP3-mediated PINK1 m6A methylation in hypoxic pulmonary hypertension **PA4256**
Ran Wang (Hefei (Anhui), China), Can Wang

PS-41 Session 372 12:30 - 14:00

Poster session: Artificial intelligence, digital tools and predictive models: safety, training and systems

Disease(s) : Airway diseases Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology General respiratory patient care Public health Imaging Surgery

Tag(s) : Clinical, Translational , Digital health

Chairs : Tudor Toma (London, United Kingdom), Spasoje Popević (Beograd, Republic of Serbia), Sonja Badovinac (Zagreb, Croatia)

Late Breaking Abstract - Real-World EQ-5D-5L Outcomes Following Elective Lung Nodule Biopsy Using Shape-Sensing Robotic-Assisted Bronchoscopy (ssRAB): A European Multi-Centre Observational Study **PA4257**
Francis O'Neill (Sunnyvale, United States), Thomas Gaisl, Carolin Steinack, Ara Askari, Aval Balata, Rachele Busca, Christopher Craig, Reto Engeli, Amir Hanna, Neal Navani, Ricky Thakrar

Diagnostic performance of two AI-Based Tools for CT-Based Fissure Completeness Scoring in Severe Emphysema Andreas Hoheisel (Freiburg, Germany), Henry Plesch, Marcel Opitz, Faustina Funke, Wolfram Meschede, Daiana Stolz, Christian Taube, Dirk Westhölter	**PA4258**
Artificial intelligence–assisted ROSE cytology for malignancy grading in endoscopic pulmonary biopsies Pietro Francesco Natuzzi (Roma, Italy), Sofia Romani, Gabriele Lucantoni, Cristiano Casciani, Andrea Tornese, Daniele Cafolla, Matteo Russo, Sandro Batzella	**PA4259**
Development of an Assessment Tool for Transthoracic Ultrasound-Guided Lung and Pleural Biopsies – A Delphi Consensus Study Juweriye Hassan (Odense, Denmark), Pia Iben Pietersen, Rahul Bhatnagar, Christian Borbjerg Laursen, Pernilla Borggaard	**PA4260**
First Validation of the LIONS PREY for Malignancy Risk Prediction in Patients Undergoing Navigational bronchoscopy Erik Büscher (Essen, Germany), Faustina Funke, Kaid Darwiche, Rüdiger Karpf-Wissel, Hubertus Hautzel, Luca Salhöfer, Christian Taube, Servet Bölükbas, Marcel Opitz, Fabian Doerr	**PA4261**
Predictive model of lymph node malignancy probability during Endobronchial Ultrasound (EBUS) staging of non–small cell lung cancer: a prospective multicenter validation. Albert Rafecas-Codern (Barcelona, Spain), Génesis Oriana Parada Pérez, Carmen Centeno-Clemente, Eduard Barrio-Herraiz, Pere Trias-Sabrià, Emma Anne Vidal-Teuton, Cristian Tebe-Cordomi, Natalia Pallarés Fontanet, Laura Martínez-Vega, Rosa Lopez Lisbona, Laia Cendón Panadés, Lídia Perendreu Busquets, José L. Vercher-Conejero, Alejandro Fernandez Leon, Mª del Valle Camacho Marti, Virginia Pajares-Ruiz, Antoni Rossell-Gratacós, Pere Serra Mitjà	**PA4262**
Multimodal Deep Learning from Radial Endobronchial Ultrasound and Clinical Data for Malignancy Risk Stratification in Peripheral Pulmonary Lesions Qi Qi (sichuan, China), Dan Liu	**PA4263**
A multicentre randomised controlled trial of artificial intelligence assisted real-time monitoring system for bronchoscopy Wei Chen (Shanghai, China), Guoliang Zhang, Bin Liu, Taosheng Ye, Yong Zhou, Jieming Qu	**PA4264**
ROSE in EBUS-TBNA: Institutional experience comparing the risk of malignancy between cytopathology and histopathological diagnosis Simon Villa (Medellin, Colombia), Julián Rondón-Carvajal, Simón Villa-Pérez, Alejandro Cardona-Palacio, Willfredy Castaño-Ruiz, Pedro Gómez Gómez, Jacobo Meza Rodríguez	**PA4265**
Video game exposure independently predicts higher technical performance in randomized high-fidelity bronchoscopy simulation training Killen H Briones-Zamora (Guayaquil, Ecuador), Ivanna N. Ferrín Yépez, Anahí D. Briones-Zamora, Paolo Andres Ballerio Meza, Killen H. Briones-Claudett	**PA4266**
Machine learning-based prediction of diagnostic outcomes in navigational bronchoscopy Erik Büscher (Essen, Germany), Faustina Funke, Rüdiger Karpf-Wissel, Kaid Darwiche, Christian Taube, Marcel Opitz, Jan Büscher	**PA4267**
Impact of age and comorbidity indices on rigid bronchoscopy: A comparative study Efsun Gonca Uğur Chousein (Istanbul, Türkiye), Demet Turan, Abdullah Çağrı Önal, Ekrem Cengiz Seyhan, Mehmet Akif Özgul, Erdoğan Çetinkaya	**PA4268**
Clinical utility of elective paediatric flexible bronchoscopy and impact on the quality of life: a single-centre, single-blind, randomised controlled trial. Rahul Thomas (Brisbane (QLD), Australia), Julie Marchant, Vikas Goyal, Ian Brent Masters, Stephanie Yerkovich, Anne Chang	**PA4269**
The impact of clinical trials on the elimination of inequalities in lung cancer care. Michaela Boura (Ahens, Greece), Maria Bitsaki, Maria Mani, Ioannis Vathiotis, Eleni Charalampopoulou, Ioannis Trontzas, Anastasia Karachaliou, Aliki Korkovelou, Eleftheria Bagiokou, Ilias Bitsas, Emmanouil Panagiotou, Eleni Fyta, Georgios Evangelou, Ioannis Gkiozos, Adamantia Georgiadi, Konstantinos Syrigos, Andriani Charpidou	**PA4271**
Timing of definitive pleural intervention within systemic anticancer therapy in malignant pleural effusion from high-response lung cancers: a retrospective single-center cohort study Ana Reyes Pardessus Otero (Barcelona, Spain), Sergio Martínez-Recio, Albert Rafecas-Codern, Génesis Parada-Pérez, Joel Lakhani Lakhani, Carlos Reyes, Ángel Fernández, Havid Colina, Andrés Barba, Margarita Majem, Juan Carlos Trujillo, Elisabeth Martínez, Pere Serra-Mitjà, Virginia Pajares	**PA4272**

Optimizing care for primary spontaneous pneumothorax: Evaluating the impact of a dedicated clinical pathway on outcomes — **PA4273**
Sally Griffiths (Dublin, Ireland), Christine O'Connor, Christine Chiang, Ruth O'Gara, Danielle Barry, Deirdre B Fitzgerald

A predominantly day-case medical thoracoscopy service: experience from a UK district general hospital — **PA4274**
Shweta Agrawal (London, United Kingdom), Stefano Palazzo, Sanjana Kodenchery Ismail, Aqsa Saif, Nirav Shah, Sivanantham Sasikumar

Bronchoscopy In The Geriatric Population: Should We Be Concerned? — **PA4275**
Öznur Yıldız (Istanbul, Türkiye), Elif Yelda Ozgun Niksarlioglu, Ramazan Eren, Sule Gul, Ayse Yeter, Nihan Kurt Gurer, Mehmet Atilla Uysal

Transforming waiting time from weeks to days: A high- yield, low- complication bedside lung biops y service by pulmonologists — **PA4276**
Tin Wai Wong (Hong Kong, Hong Kong), Yuk Wo Tsui, Yu Hong Chan, Yeuk Fai Hong

PS-42 Session 373 12:30 - 14:00

Poster session: Longitudinal and quantitative imaging of lung disease: progression, phenotypes and prognosis

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care | Pulmonary vascular diseases

Method(s) : Imaging | Physiology | Respiratory intensive care | Pulmonary function testing

Tag(s) : Clinical, Translational , Digital health

Chairs : Venerino Poletti (Forlì, Italy), Ádám Domonkos Tárnoki (Budapest, Hungary), Gaurav Veer Singh (Toronto, Canada)

Late Breaking Abstract - Three-Dimensional Visualization of the Pulmonary Lymphatic Network in Intact Human Lung Tissue — **PA4277**
Birger Tielemans (Leuven, Belgium), Lander De Herdt, Lara Verbeylen, Tobie Martens, Charlotte Hooft, Marta Zapata-Ortega, Pieterjan Kerckhof, Vincent Geudens, Lise Vanvuchelen, Martina Mercurio, Xin Jin, Kenny Anseele, Anse Somers, Balin Ozsoy, Andrea Zajacova, Greetje Vandevelde, Pieter Vanden Berghe, Laurens Ceulemans, Saskia Bos, Maximillian Ackermann, Danny D. Jonigk, Robin Vos, Bart Vanaudenaerde

Longitudinal quantitative CT detects high-risk disease progression in idiopathic pulmonary fibrosis despite stable lung function — **PA4278**
Simon Walsh (Cambridge, United Kingdom), Muhunthan Thillai, Nicola Dinsdale, Miguel Monteiro, Elliott Bussell, Amy Craster, Rebecca Keegan, Phil Molyneaux

Integrated lung health screening using portable X-ray, artificial intelligence and radiology information systems: experience from Kirovohrad Oblast, Ukraine — **PA4279**
Gunta Dravniece (Riga, Latvia), Galyna Gorenko, Olena Pavlenko, Mariia Vasetska, Denys Zabudko, Aleksey Bogdanov, Myroslava Germanovych, Volodymyr Kochanov

Lobar-level associations between quantitative computed tomography metrics of airway morphometry and mucus plugs in patients with COPD — **PA4280**
Benjamin Lavon (New York, United States), Joao Rocha, Joana Costa, Stijn Bonte, Yinka De Meyer, Wendel Dierckx, Kris Ides, Wilfried De Backer

Quantitative assessment of fibrotic and inflammatory features on computed tomography scans correlates with FVC, DLCO, and survival in patients with systemic sclerosis-associated interstitial lung disease — **PA4281**
Mohammadali Assadinia (Vancouver, Canada), Dragos Vasilescu, Samuel Peterson, Chris Ryerson, Tillie Hackett, Daniel-Costin Marinescu

On the same tracks? Quantifying structural remodelling in RA-ILD and matched IPF explant cores using MicroCT — **PA4282**
Kenny Anseele (Leuven, Belgium), Tine Follet, Marie Vermant, Nathalie Veyt, Marieke De Rooy, Vincent Geudens, Celine Aelbrecht, Emanuela Elsa Cortesi, Tristan Backx, Furkan Karadag, Lara Verbeylen, Roel Thijs, Lennart Vanglabeke, Catharina Belge, Nico De Crem, Alexandros Kalkanis, Bart Vanaudenaerde, Patrick Verschueren, Laurens De Sadeleer, Wim Wuyts

Quantitative assessment of interstitial lung disease extent on high-resolution computed tomography using the Siriraj Lung Analysis program and its correlation with disease severity — **PA4283**
Supakrit Kaoeian (Bangkok, Thailand), Supparerk Disayabutr, Krittika Teerapuncharoen, Suwimon Wonglaksanapimon, Chayawee Muangchan, Pairash Saiviroonporn, Kanokwan Trinkajee, Kanokpich Khwaiphan

CT-derived lung volume stratifies cardiometabolic and respiratory risk in smoking populations Robert Chapman (London, United Kingdom), Tianqi Yang, Daryl Cheng, Shanshan Wang, Daisuke Yamada, Adam Szmul, Mehran Azimbagirad, Helen Mcgregor, Shahab Aslani, Amyn Bhamani, Tanya Patrick, Ryoko Egashira, John McCabe, Pardeep Vasudev, Arjun Nair, Greg Kinney, David Lynch, Carole Sudre, Daniel Alexander, Sam Janes, John Hurst, Joseph Jacob	**PA4284**
Radiomics and Deep Learning in Early Detection of Pulmonary Fibrosis: A Multicenter Imaging Study Dušan Ivković (Niš, Republic of Serbia), Aleksandar Ivković, Stevan Ivković, Nikola Mančić	**PA4285**
A Clinical-Radiological Model for Predicting In-Hospital Mortality in Acute Exacerbation of Chronic Obstructive Pulmonary Disease Yang Li (Beijing, China), Yanfei Guo	**PA4286**
Ventral lung injury and pneumothorax in patients with amyotrophic lateral sclerosis receiving long-term positive pressure ventilation Nobuhiro Okagaki (Tenri, Japan), Tomomasa Tsuboi, Yuichi Chihara, Kensuke Sumi, Takashi Hajiro, Tomoki Maetani, Naoya Tanabe, Tomohiro Handa, Susumu Sato, Atsuo Sato	**PA4287**
Linking lungs and heart: centrilobular emphysema progression predicts coronary artery calcification progression during 18 years of follow-up Jessica Gonzalez Gutierrez (Lleida, Spain), Rowena Yip, Jiafang Zhang, Artit Jirapatnakul, David F. Yankelevitz, Claudia I. Henschke	**PA4288**
Phase-resolved functional lung MRI for ventilation and perfusion assessment in COPD: The SPIROMICS HF Study Robin A. Müller (Hannover, Germany), Andreas Voskrebenzev, Michael C. Backman, Nadia Hansel, Robert Paine, Prescott Woodruff, Victor E. Ortega, Jill Ohar, Stephen Peters, Christopher B. Cooper, Igor Barjaktarevic, Meilan Han, Jerry Krishnan, Martin R. Prince, Wei Shen, Bharath Ambale Venkatesh, Joao A. Lima, Prachi Agarwal, James Carr, Michael Markl, Steven Lloyd, J. Paul Finn, Jing Liu, Yoo Jin Lee, Joyce Schroeder, Dalane W. Kitzman, Oliver Wieben, David A. Bluemke, Jens Vogel-Claussen, R. Graham Barr	**PA4289**
Quantitative CT Structural Progression as an Independent Mortality Marker in Connective Tissue Disease–Related ILD Simon Walsh (Cambridge, United Kingdom), Anna Maria Hadjigregoriou, Cameron Wilson, Miguel Monteiro, Amy Craster, Rebecca Keegan, Muhunthan Thillai, Simon L. F. Walsh	**PA4290**
Beyond lesion detection: prognostic value of thoracic CT in blunt chest trauma Chirine Moussa (Tunis, Tunisia), Siwar Hamdi, Houssem Messaoudi, Habib Bessrour, Majd Saoudi, Mokhles Lajmi, Saber Hachicha	**PA4291**
Artificial Intelligence–Driven Quantification of Interstitial Lung Disease on HRCT: Beyond Visual Scoring Aleksandar Ivkovic (Niš, Republic of Serbia), Stevan Ivkovic, Dušan Ivkovic, Ivana Svilarov	**PA4292**
Longitudinal AI Analysis of Lung Parenchyma: Predicting Disease Progression from Baseline CT Stevan Ivković (Niš, Republic of Serbia), Aleksandar Ivković, Dušan Ivković	**PA4293**
Radiological spectrum in bronchopulmonary Lophomonas blattarum infection: Analysis of 69 cases Fatma Şevval Ünal (Mersin, Türkiye), Demet Polat Yulug, Hakan Dedeoglu, Nurbanu Yasar, Eylem Sercan Ozgur	**PA4294**
Real-world performance of artificial intelligence-based chest radiographs analysis for incidental detection of interstitial lung disease Kyoung Min Moon (Seoul, Republic of Korea), Yunkyoung Jun, Yoona Hwang, Junghyun Kang, Jihyeon Baek	**PA4295**
Translating wave-based X-ray dark-field contrast into clinical chest radiography for pulmonary microstructure assessment Daniela Pfeiffer (Munich, Germany), Henriette Bast, Florian Gassert, Maximilian Lochschmidt, Lennard Kaster, Rafael Schick, Andreas Sauter, Franz Pfeiffer	**PA4296**

PS-5 Session 374 12:30 - 14:00

Poster session: New insights in exercise physiology

Disease(s) : Airway diseases | Sleep and breathing disorders | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Physiology | Pulmonary function testing | Pulmonary rehabilitation | General respiratory patient care | Endoscopy and interventional pulmonology | Epidemiology | Surgery | Transplantation | Public health

Tag(s) : Clinical, Translational

Chairs : Md.Jahedul Islam (Noakhali, Bangladesh), Titouan Perrin (Grenoble, France), Lorna Latimer (Leicester, United Kingdom)

Late Breaking Abstract - Maternal physical activity in pregnancy and offspring lung function at 7 years, a population-based cohort study Hrefna Katrín Gudmundsdóttir (Oslo, Norway), Eilif Haile Lønnebakke, Karen Eline Stensby Bains, Clara Sofie Bratholm, Karin Cecilie Lødrup Carlsen, Hege Synnøve Havstad Clemm, Martin Färdig, Sabina Wärnberg Gerdin, Berit Granum, Guttorm Haugen, Katarina Hilde, Marissa LeBlanc, Maria Emanuela Noto, Eva Maria Rehbinder, Anne Cathrine Staff, Cilla Söderhäll, Riyas Vettukattil, Björn Nordlund, Håvard Ove Skjerven	**PA4297**
Validity of Assessing Blunted CO2 Chemical Control from Ventilatory Responses to Arm Cycling Exercise: A Plant-Controller Simulation Michele Girardi (Torrance, United States), Thomas W DeCato, Nicholas Jendzjowsky, William W Stringer, Carrie Ferguson, Harry B Rossiter, Richard Casaburi	**PA4298**
Exercise limitation and physiological impairment in bronchiolitis obliterans syndrome in lung and allogeneic hematopoietic cell transplant patients Gabriella Pogorzelski (São Paulo, Brazil), André Costa, Flavia Folchini, João Salge, Luana Cabral, Ronaldo Kairalla, Silvia Campos, Giancarlo Fatobene, Bruno Baldi	**PA4299**
Cardiopulmonary Exercise Testing and Quality of Life: Findings and Clinical Opportunities. Claudia Poo Fernández (Santander, Spain), Víctor Manuel Mora Cuesta, Amaya Martínez Meñaca, Pedro José Argos Vélez, María José Gallardo Ruiz, Gema Fernández Cavia, Begoña Sainz-Ezquerra Belmonte, Julia Corral Cano	**PA4300**
Dynamic ventilatory limitation with exertional prolonged expiration and expiratory laryngeal narrowing in chronic obstructive pulmonary disease Keisuke Miki (Toyonaka, Japan), Ryosuke Nishijima, Reina Hara, Takuro Nii, Takanori Matsuki, Kazuyuki Tsujino, Takamasa Kitajima, Atsuro Saijo, Tokujiro Yamamura, Mari Miki, Motonari Fukui, Hiroshi Kida	**PA4301**
Submaximal dynamic inspiratory constraints add to peak constraints during incremental CPET to predict dyspnoea burden and exercise tolerance in COPD Matthew D. James (Kingston (ON), Canada), Pedro Dal Lago, Abed Hijleh, Reginald Smyth, Sandra Vincent, Madison Coyle, Sebastian Rodriguez-Llamazares, Nicolle Domnik, Amany Elbehairy, Danilo Berton, J. Alberto Neder	**PA4302**
VE/VCO2 slope after Cardiopulmonary Exercise Test Predicts Acute Exacerbations of Chronic Obstructive Pulmonary Disease: A retrospective cohort study XIAONA LI (Beijing, China), YunXiao Li	**PA4303**
Diagnostic utility of elevated plasma lactate during recovery from invasive cardiopulmonary exercise testing. Sarah Gustafson (Brookline, United States), Sophia Pappano, Johanna Squires, Katherine LeWine, Aaron Waxman, David Systrom	**PA4304**
Reliability of rectangular area ratio to characterize the spontaneous expiratory flow-volume curve during exercise Chiara Gattoni (Torrance, United States), Michele Girardi, Asghar Abbasi, Thomas DeCato, Richard Casaburi, Carrie Ferguson, Harry Rossiter, Janos Porszasz, William Stringer	**PA4305**
From CPET lab to routine care: 30-second sit-to-stand maps anaerobic threshold during submaximal exercise Vasileios Stavrou (Nicosia, Cyprus), George Vavougios, Glykeria Tsirimona, Georgios Hadjigeorgiou, Konstantinos Gourgoulianis	**PA4306**
Effects of training on diffusing capacity at exercise in patients with fibrotic Interstitial Lung Diseases (f-ILDs) Laura Denis (BONDY, France), Hilario Nunes, Hervyn Massaka, Diane Bouvry, Yurdagul Uzunhan, Raphael Hindre, Simon Chauveau, Olivia Freynet, Fatma Kort, Florence Jeny, Warda Khamis, Morgane Didier, Amélie Riviere, Martin Dutertre, Hugues Vicaire, Lucile Sesé, Carole Planès, François Lhuissier, Thomas Gille	**PA4307**
Percent-predicted lower limits of normal for paediatric VO_2peak: aligning blanchard z-scores with clinically practical cut-points and comparing cooper–wasserman vs blanchard references Colleen Carden (Glasgow (Glasgow), United Kingdom), Paul Burns, Ross Langley, Philip Davies	**PA4308**
Late Breaking Abstract - Low-dose CO2 supplementation using a novel portable device improves exercise performance at high altitude Shanfeng Liang (Guangzhou, China), Peter Catcheside, Andrew Wellman, Luguang Wu, Lishuang Wang, Joerg Steier, Baiting He, Alan R. Schwartz, Danny J. Eckert, Yuanming Luo	**PA4309**

The acute physiological response to accentuated eccentrically loaded blood-flow restriction exercise in healthy individuals: two randomised crossover trials **PA4310**
Dario Kohlbrenner (Zürich, Switzerland), Raphaela Fischer, Hélène Hüppin, Manuel Kuhn, Christian F. Clarenbach, Milo Puhan, Thomas Radtke

Factors associated with severely reduced cardiorespiratory fitness in patients undergoing haemodialysis **PA4311**
Francini Andrade (Maia, Portugal), Heloíse Benvenutti, Paula Rovedder

Ventilatory efficiency assessed by cardiopulmonary exercise testing predicts perioperative outcomes in chronic pulmonary aspergillosis surgery **PA4312**
Dario Angelone (Rome, Italy), Silvia Giannone, Harry Etienne, Thomas Maitre, Joseph Lamerand, Jalal Assouad, Jacques Cadranel, Cendrine Godet, Marlène Bret, Charlotte Balavoine, Matteo Bonini, Paolo Palange, Christian Straus, Matthieu Le Meledo, Pierantonio Laveneziana

mCPET to quantify simultaneous neuromuscular and cardiopulmonary performance in response to exercise training in healthy adults **PA4313**
Carrie Ferguson (Torrance, United States), Jeff M Moore, Thomas W DeCato, William W Stringer, Nathan Yee, Harry B Rossiter

Physiological Determinants of V̇O2 recovery in patients with COPD: A pilot study **PA4314**
Janos Tamas Varga (Budapest, Hungary), Riad Bejta, Abel Megyaszai, Julia Magyar

Muscle oxygenation during exercise in individuals with preserved ratio impaired spirometry and chronic obstructive pulmonary disease **PA4315**
Melike Mese-Buran (Ankara, Türkiye), Ece Kumlu, Aslihan Cakmak-Onal, Elif Kocaaga, Oğuz Karcioglu, Deniz Inal-Ince

Is Heart Rate Recovery an Independent Marker of Exacerbation Risk in Stable COPD? **PA4316**
Ayse Demirkaya (Ankara, Türkiye), Nalan Ogan, İpek Candemir

PS-6 Session 375 12:30 - 14:00

Poster session: Digital health and artificial intelligence in respiratory diseases: from remote monitoring to biomarkers

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Public health Physiology

Chairs : Aslihan Cakmak-Onal (Ankara, Türkiye), Vitalii Poberezhets (Vinnytsia, Ukraine), Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom)

Late Breaking Abstract - Improving bronchiectasis knowledge through a multilingual, Australian First Nations specific mobile application **PA4317**
Kobi Schutz (Darwin, Australia), Lesley Versteegh, Cate Wilson, Rebecca Challenger, Anne Chang, Gabrielle McCallum

Late Breaking Abstract - The impact of Aptar Digital Health's respiratory disease management platform on indices of asthma control **PA4318**
Arthur Dubois (Rueil Malmaison, France), Gráinne d'Ancona, Corinne Féchant, Akash Bijlani, Geneviève d'Orsay, Aveline Barnasson, Tui Nolan, Jan Multmeier, David Jackson

Late Breaking Abstract - AI-powered cough analysis for community-based COPD screening: deployment and outcomes from 246 communities across 32 Chinese cities **PA4319**
Si Chen (Shanghai, China), Jiaxuan Mao, Shuai Jiang, Wenyu Zhu, Zhaoyang Bu, Qian Wang, Leanne Tong, Fei Sheng, Tiantian Deng, Yanan Wang, Yong Zhou, Min Zhou, Jieming Qu

Late Breaking Abstract - Digital spacer monitoring of inhaler adherence and technique to understand treatment response in biologic-treated severe asthma **PA4320**
Job F.M. van Boven (Groningen, Netherlands), Amber Eikholt, Rosalie Visser, Boudewijn Dierick, Irene Mommers, Titia Klemmeier, Akke-Nynke van der Meer, Yasemin Türk, Niels Patberg, Marjolein van Es, Huib Kerstjens, Maarten van den Berge, Amy Chan

Late Breaking Abstract - Co-design of a medium-fidelity prototype of a personalized digital COPD voice companion **PA4321**
Hanna Kellner (Maastricht, Netherlands), Elina Miteniece, Renate Baumgartner, Rik Crutzen, Loes van Bemmel, Sami Simons, Marieke Spreeuwenberg

Late Breaking Abstract - Voice-derived digital features and airway inflammation: preliminary findings from the VOCAL study **PA4322**
Alessandro Heubel (São Carlos, Brazil), Gustavo Araujo, Nathany Schafauser-Segundo, Naiara Leonardi, Fernanda Pinto, Viviane Castello-Simões, Rodrigo Simões, João Souza, Loes van Bemmel, Lauren Reinders, John Hurst, Sami Simons, Renata Mendes

Late Breaking Abstract - AI-empowered multi-sensor home monitoring for early detection of acute pulmonary exacerbations in adults with non-cystic fibrosis bronchiectasis. **PA4323**
Lucy Gale (Cambridge, United Kingdom), Daniel Bae, Damian Sutcliffe, Maria Ntemourtsidou, Charles S Haworth, R Andres Floto

Late Breaking Abstract - Evaluation of the impact of telephone follow-up through an artificial intelligence-based virtual assistant on healthcare costs and healthcare resource utilisation in COPD (chronic obstructive pulmonary disease) patients **PA4324**
Ramon Cercos (Valencia, Spain), Cruz Gonzalez, Jaime Signes-Costa, Carlos Alonso, Miriam Bernaola

PS-7 Session 376 12:30 - 14:00

Poster session: Extracorporeal membrane oxygenation, acute respiratory distress syndrome, physiology and lung mechanics in respiratory failure and mechanical ventilation

Disease(s) : Airway diseases Respiratory critical care Pulmonary vascular diseases

Method(s) : Respiratory intensive care General respiratory patient care Imaging Physiology Pulmonary function testing Transplantation Cell and molecular biology Epidemiology

Tag(s) : Basic science, Clinical, Translational

Chairs : Begüm Ergan (Izmir, Türkiye), Pedro Silva (Lisboa, Portugal), Ana Cysneiros (Lisboa, Portugal)

Late Breaking Abstract - Nucleotide metabolic dysregulation drives macrophage-mediated inflammation in pneumonia-associated ARDS **PA4325**
Keyimu Subinuer (, China), Zhaohui Tong, Jieqiong Li

Effect of Tiotropium/Olodaterol soft mist inhalers on dynamic changes in lung mechanics of patients with COPD receiving mechanical ventilation **PA4326**
ShuYun Hung (Kaohsiung City, Taiwan), HUIYUAN HSIAO, ShoLin Lin, XiangHui Huang, YaChin Cheng

Short-term effects of lung mechanical heterogeneity and mechanical power (MP) on lung tissue viscoelasticity in anesthetized and ventilated rabbits **PA4327**
Roberta Südy (Geneva, Switzerland), Sam Bayat, Nicolas Terzi, Almos Schranz, Gergely Albu, Claude Guerin

Ability of Health Care professionals to Identify Patient- Ventilator Asynchrony Using Waveforms Analysis. International Survey. The Hyperion Networking Group. **PA4328**
Antonio M. Esquinas (Murcia, Spain), Mohammed Ahmed Ahmed Senan, Mohammed Adel Ali Qaid, Mostafa Elshazly, Manuel Baz, Jazmin Estefania Freire, Francesco Pennisi, Nicolás Tommasino, Aman Verma, Eldhos Jacob, Dharma U Shetty, Carishma Sheela, Srishankar Bairy, Jose Luis Sandoval, Víctor Huízar-Hernández, Szymon Białka, Kadir Burak Akgün, Jacobo Bacariza, Paolo Ruggeri, Mohsen Sadeghi, Aurea Higon, Berkan Basançelebi, Gaspar Chiappa, Hajed M Al-Otaibi, Bushra Mina

Subclinical Gas Exchange Dysfunction Identified by the Alveolar–Arterial (A-a) Oxygen Gradient as a Sentinel Biomarker of Emerging Oxygen Dependency in Non-Respiratory Critical Illness **PA4329**
Bhaumik Kamdar (Mumbai, India), Lavina Mirchandani, Girija Nair, Shahid Patel, Nikhil Sarangdhar

Relationship Between Mechanical Power and Monocyte-to-Lymphocyte Ratio in Mechanically Ventilated ARDS Patients: A Retrospective Cohort Study **PA4330**
Tzu Hsiung Huang (Chiayi, Taiwan), Chieh Mo Lin

Association of P50 With Outcomes in Critically Ill Patients With Hypoxemic Respiratory Failure: A Retrospective Analysis **PA4331**
Ekin Kelleci (Istanbul, Türkiye), Aslıhan Yalcin, Mehmet Oruc, Sibel Yurt, Ayşe Bahadır

Impact of a simulation-based ventilation training course for respiratory intensive care residents. **PA4332**
Elise Artaud Macari (Rouen, France), Emeline Fresnel, Adrien Kerfourn, Marie-Anne Melone, Nicolas Mazellier, Pierre-Alexandre Roger, Marius Lebret, Antoine Cuvelier, Christophe Girault, Clement Medrinal, Mathieu Salaun

High mechanical power identifies a high-risk ventilatory phenotype during standardized pre-bronchoscopy stabilization in ICU patients **PA4333**
Paolo Andres Ballerio Meza (Guayaquil, Ecuador), Killen H Briones-Zamora, Ivanna N. Ferrín Yépez, Anahí D. Briones-Zamora, Romina Reinoso, Killen H. Briones-Claudett

Relation Between Driving Pressure and SOFA Score with ICU Outcomes in Critically Ill Patients in Taiwan for ARDS Patients **PA4334**
Chang Yujen (Changhua City, Taiwan), Chi ShuHua

Phenotyping of patients with severe ARDS requiring veno-venous extracorporeal membrane oxygenation **PA4335**
Christoph Fisser (Donaustauf, Germany), Adrian Preis, Anne Benning, Matthias Lubnow, Clemens Wiest, Alexander Dietl, Dirk Lunz, Maik Foltan, Thomas Müller

Phospholipase D Pathway in Pulmonary edema fluid **PA4336**
Shunyu Yu (Beijing, China), Ruoyi Shen, Jingen Xia, Qinyuan Zhan

Metagenomic Next-Generation Sequencing, PCR-Based Methods, Culture, and Serology for Pathogen Detection in ARDS: A Comparative Diagnostic Study Using Bronchoalveolar Lavage Fluid **PA4337**
Meng-Jer Hsieh (Taipei, Taiwan), Shaw-Woei Leu, Han-Chung Hu, Hsiung-Ying Huang

Uncovering heterogeneity in Acute Respiratory Distress Syndrome: the proteomic and metabolomic landscape in subphenotypes **PA4338**
Yusha Chen (Chengdu, China), Yalan Liu, Haomiao Ma, Jieqiong Li, Zhaohui Tong, Dan Liu

Hypoinflammatory and hyperinflammatory subphenotypes of acute respiratory distress syndrome in old patients **PA4339**
Eleni Papoutsi (Athens, Greece), Vassilis Giannakoulis, Konstantinos Gkirgkiris, Xaris Georgiadis, Andreas Asimakos, Paraskevi Katsaounou, Anastasia Kotanidou, Ioanna Dimopoulou, Ilias Siempos

A Bayesian Joint Model for Dynamic Prediction of Hemorrhagic Complications in ARDS-ECMO Patients **PA4340**
Shunyu Yu (Beijing, China), Jiayi Bao, Liqia Lei, Xin Yu, Sichao Gu, Min Li, Qingyuan Zhan

Induction agent choice and severity dependent outcomes after emergency intubation: A multicenter analysis comparing Ketamine and Etomidate **PA4341**
Avi S. Albeg (Brooklyn, United States), Ekenedilichukwu Nnadi, Rebhi Rabah, Emmanuel Omole, Moshe L. Albeg, Tarik Al-Bermani

Risk factors and trajectory of sarcopenia and its impact on outcome in patients with severe respiratory failure requiring veno-venous extracorporeal membrane oxygenation **PA4342**
Christoph Fisser (Donaustauf, Germany), Stefan Aust, Susan Cheikh-Mohamad, Clemens Wiest, Alexander Dietl, Dirk Lunz, Maik Foltan, Alois Philipp, Matthias Lubnow, Thomas Müller, Tobias Robold

Awake VA-ECMO and adjunctive recanalization in pulmonary embolism: a retrospective multicentre study **PA4343**
Sören KJ Boblitz (Hannover, Germany), Caroline John, Lennart Wild, Hans-Jörg Gillmann, Andreas Schäfer, Nils Kucher, Stefano Barco, Johann Bauersachs, Thorben Pape, Jakob Raith, Christian Kühn, Fabio Ius, Bernhard C Meyer, Marius M Hoeper, Pedro David Wendel-Garcia, Christian Bode, Sascha David, Klaus Stahl, Daniel A Hofmaenner, Benjamin Seeliger

Outcomes of adult ecmo in middle-income countries: a systematic review and meta-analysis **PA4344**
Darlene Mae Cledera (Manila, Philippines), Gene Philip Louie Ambrocio, Karl Jeffrey Murillo

PS-8 Session 377 12:30 - 14:00

Poster session: From experimental models to therapeutic innovation in lung disease

Disease(s) : Airway diseases Respiratory critical care Thoracic oncology

Method(s) : Cell and molecular biology Physiology Pulmonary rehabilitation

Tag(s) : Basic science, Clinical

Chairs : Rory Morty (Heidelberg, Germany), Emmanuelle Brochiero (Montréal (QC), Canada), Jonathan Baker (London, United Kingdom)

Late Breaking Abstract - Clinical Proof-of-Concept for In Vivo Base Editing in PI*ZZ Alpha-1 Antitrypsin Deficiency: Results from the YOLT-202 Phase I/II Trial **PA4345**
Simon Krooss (Hannover, Germany), Taihua Yang, Qinggong Yuan, Nora Drick, Malte Sgodda, Björn Hartleben, Julia Held, Rembert Koczulla, Xiaoying Ma, Ying Liu, Zi Jun Wang, Heiner Wedemeyer, Sabina Jancauskiene, Nataliya Di Donato, Tobias Cantz, Yuxuan Wu, Marius Hoeper, Michael Ott, Qiang Xia

Novel ex vivo precision-cut lung slice model of COPD combining elastase and fibrotic cocktail treatment to model emphysema and bronchitis **PA4346**
Julia Chitty (Clayton, Australia), Philip Bardin, Jane Bourke, Belinda Thomas

Redirecting RAGE mRNA splicing with inhaled mRB042 suppresses long term cigarette smoke-induced emphysema and inflammation in mice. Siro Perez (Melbourne, Australia), Edwin Tucker, Christopher Wraight, Raelene Pickering, Aowen Zhuang, Gary P. Anderson, Merlin Thomas	**PA4347**
Redirecting RAGE mRNA splicing with inhaled mRB042 reduces lung inflammation and attenuates emphysema in LPS challenged Serpina1a-e null "AATD" mice Siro Perez (Melbourne, Australia), Edwin Tucker, Christopher Wraight, Raelene Pickering, Aowen Zhuang, Gary P. Anderson, Merlin Thomas	**PA4348**
GenSci155, A Novel Long-Acting IGF-1 Analog Ameliorates Hyperoxia-Induced Bronchopulmonary Dysplasia in a Neonatal Rat Model Haizhou Zhang (, China), Jing Ma, Na Liu, Xiaoyu Gu, Fangfang Du, Mingjie Chen, Feifei Ren, Hongyang Zhuang, Lishan Kang, Xiaozhen Wang	**PA4349**
Parkin-mediated necroptosis suppression contributes to survival of injury-activated alveolar progenitors Chengshui Chen (Wenzhou (Zhejiang), China), Qiang Guo, Feng Zhang, Jin-San Zhang	**PA4350**
Development and validation of a multi-readout drug screening platform, modelling in vitro asthmatic feature of goblet cells hyperplasia, based on 3D cultures of human primary lung epithelial cells at the Air-Liquide Interface (ALI) Nicola Pianca (Verona, Italy), Marianna Sasso, Federico Faggioni, Lucia Minoli, Valeria Bertani, Marine Shatirishvili, Erika Torchio, Anna Stincone, Anna Sava, Rosaria Remelli	**PA4351**
Alpha-1 Antitrypsin binds glucocorticoid receptor in vitro, but intracellular interaction in macrophages depends on GR localization Sabina Janciauskiene Wallmark (Hannover, Germany), Julia Held, Kevin Möhlis, Elena Korenbaum, Sabine Wrenger, John T. Heiker, Sabina Janciauskiene	**PA4352**
Exploration of miRNAs promoting eosinophilia and type 2 immunity Hiba Sayedali (Gothenburg, Sweden), Jenny Calvén, Cecilia Lässer, Carina Malmhäll, Emma Boberg, Hannes Ingelhag, Neeraj Patil, Madeleine Rådinger, Kristina Johanssson	**PA4353**
Complex interplay between disease and exercise training on vascular function in an exacerbated emphysema rat model Farès Gouzi (Montpellier, France), Elodie Desplanche, Pierre-Edouard Grillet, Laurie Alburquerque, Pascal Pomiès, Emilie Passerieux, Arnaud Bourdin, Olivier Cazorla, Anne Virsolvy	**PA4354**
Ex vivo blood eosinophil subtypes granule protein gene expression in asthma patients Airidas Rimkunas (Kaunas, Lithuania), Andrius Januskevicius, Egle Vasyle, Virginija Kalinauskaite-Zukauske, Jolita Palacionyte, Ryte Jurkute, Inesa Jermalaviciene, Dominykas Remeika, Laurita Vasiliauskaite, Kestutis Malakauskas	**PA4355**
Erdosteine enhances antibiotic activity in reducing Streptococcus pneumoniae and non-typeable Haemophilus influenzae viability in biofilms Finn McMahon (Southport, Australia), John Atack, Keith Grimwood, Robert Ware	**PA4356**
Comprehensive clinico-molecular evaluation in lung cancer: seeing the forest for the trees Armin Frille (Leipzig, Germany), Nadine Herrmann, Mathias Stiller, Susanne Gramlich, Myriam Boeschen, Hendrik Bläker, Hubert Wirtz, Maximilian von Laffert	**PA4357**
Longitudinal multi-omic profiling maps age-dependent systemic interferon trajectories in early SARS-CoV-2 infection Lucy Hartnell (Perth (WA), Australia), Samuel Montgomery, Patricia Agudelo-Romero, Rym Ben-Othman, Valerie Verhasselt, Stephen Stick, Tobias Kollmann	**PA4358**
Identification of Serum Metabolic Biomarkers for Early Detection of Drug-Resistant Pulmonary Tuberculosis Using GC–MS Sushma Yadav (Lucknow, India), Manendra Singh Tomar, Ashutosh Shrivastava, Surya Kant, Parul Jain	**PA4359**
Distinct Peroxiredoxin Profiles Across Metabolic and Chronic Respiratory Diseases Josuel Ora (Roma (RM), Italy), Alfonso Bellia, Corrado Pelaia, Aikaterini Andreadi, Marta Greco, Chiara Bellia, Davide Lauro, Paola Rogliani	**PA4360**
Fazirsiran effects on lung proteomic signatures in AATD-associated liver disease clinical trials Alice M Turner (Birmingham, United Kingdom), Jen-Chieh Chuang, Ying-Wooi Wan, Maria D Paraskevopoulou, Ruixue Hou, Pedrum Mohammadi-Shemirani, Susana Gonzalez, Nirav K Desai, James Hamilton, Thomas Schluep, Virginia C Clark, Pavel Strnad	**PA4362**

Identification of unique Lymphangioleiomyomatosis (LAM) biomarkers and their expression in cell line models of LAM — **PA4363**
Manav Sharma (Ultimo, Australia), Mitchell Spicer, Fia Boedijono, Bernadette Saunders, Valery Combes, Brian Oliver, David Gallego-Ortega, Maarten van den Berge, Alen Faiz

Maternal Vitamin D Levels in Early Pregnancy Associate with DNA Methylation at an Immune Regulatory Promoter in UHMK1 — **PA4364**
Sam Boyd (Boston, United States), Julian Hecker, Hooman Mirzakhani, Dawn DeMeo, Scott Weiss, Arda Halu

PS-9 Session 378 12:30 - 14:00

Poster session: Molecular mechanisms and clinical strategies in interstitial lung diseases

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology Imaging Pulmonary function testing General respiratory patient care Physiology

Tag(s) : Basic science, Clinical, Translational

Chairs : Mareike Lehmann (Marburg, Germany), Jan Willem Duitman (Amsterdam, Netherlands), Emily F. A. van't Wout (Leiden, Netherlands)

Late Breaking Abstract - Tankyrase inhibition demonstrates anti-fibrotic effects in preclinical pulmonary fibrosis models — **PA4365**
Jo Waaler (Oslo, Norway), Shoshy A. Brinch, Ida Johnsen, Lena Willmer, Ole V. Bjornstad, Teresa Lucifora, Karl M. F. Forbord, Maria Candamo-Lourido, Maureen T. Meling, Ingrid L. Morken, Martin F. Strand, Danny Jonigk, Patrick Zardo, Hans G. Fieguth, Christina Hesse, Mark A. Skarsfeldt, Morten A. Karsdal, Erika Ferrari, Paola Occhetta, Roberta Visone, Stephen Jordan, Joseph Lee, Harry Holton, Simon Rayner, Anita Wegert Wegert, Simon Cruwys, Stefan Krauss

Translational in vitro platform to model lung involvement in RA ILD using patient serum — **PA4366**
Linda Yrlid (Gothenburg, Sweden), Ulf Hedström, Pia Berntsson, Karin Ribbing, Rebecka Svärd, Jelena Pesic, Annemarie Hasselberg, James Garnett

iPSC organoid platform for fibrosis drug-discovery: Terminal/respiratory bronchiole secretory cell–aberrant-progeny crosstalk — **PA4367**
Toshio Suzuki (Kashiwa, Japan), Harry Choi, Hirotake Misu, Erik Johansson, Kensuke Matsumoto, Shogo Nagata, Tetsuharu Nagamoto, Yukie Kashima, Junko Zenkoh, Ayako Suzuki, Yutaka Suzuki, Yuki Yamamoto

Autoradiographic quantification of transglutaminase-2 target occupancy by [^{111}In]In-DOTAGA-zampilimab in hTG2-humanized fibrotic mouse lungs and IPF-derived precision cut lung slices — **PA4368**
Anna Maria Capelli (Parma (PR), Italy), Costanza Bonfini, Erica Ferrini, Pierre-Simon Bellaye, Gessica Marchini, Timothy Johnson, Wouter Eijkelkamp, Maurizio Civelli, Gino Villetti, Fabio Stellari

Zampilimab, a Novel Monoclonal Antibody Targeting Human Transglutaminase-2 for the Treatment of Idiopathic Pulmonary Fibrosis: Pharmacological Profile in a Humanized Mouse Model — **PA4369**
Fabio Stellari (Parma (PR), Italy), Erica Ferrini, Costanza Bonfini, Anna Maria Capelli, Timothy Johnson, Wouter Eijkelkamp, Maurizio Civelli, Gino Villetti

CycloZ reverses IPF-like inflammatory and epithelial transcriptional signatures in bleomycin-induced lung fibrosis. — **PA4370**
Dohyun Lee (Pohang, Republic of Korea), Jongsu Jeon, Xiaoxu Li, Seoyeong Baek, Gyuwon Huh, Johan Auwerx, Hoe-Yune Jung

Premature cellular senescence in Idiopathic Pulmonary Fibrosis: insights from lipofuscin accumulation — **PA4371**
Stefano Levra (Orbassano, Italy), Chiara La Sala, Fabiana Giannoccaro, Elisa Arrigo, Francesca Bertolini, Giuseppe Guida, Francesca Napoli, Luisella Righi, Fabio Luigi Massimo Ricciardolo

GP130 drives tracheal fibrosis via PGK1-mediated fibroblast activation — **PA4372**
Mingyu Peng (Chongqing, China), Jiaxin Liao, Shuliang Guo

Cathepsin D Triggers a Profibrotic Epithelial Phenotype in Interstitial Lung Disease through Induction of TGF-β Autocrine Signalling. — **PA4373**
Sara Waqas Ahmed (Dublin, Ireland)

TGFβ and not IL-4 differentiated M2-like macrophages induce fibrotic responses in lung fibroblasts — **PA4374**
Qian Tian (Amsterdam, Netherlands), Alexandra Drakaki, Hella Aberson, Sami Lone, T. van der Poll, C. Arnold Spek, Marten Hoeksema, Jan Willem Duitman

	A single-cell transcriptomic analysis identifies a macrophage subset with tumour-associated phenotypes before cancer emergence in idiopathic pulmonary fibrosis Naoya Fujino (Sendai, Japan), Takuya Saito, Shuichi Konno, Yoshinao Ono, Naoki Tode, Tatsunori Ito, Yoko Tsukita, Risa Ebina-Shibuya, Eisaku Miyauchi, Mitsuhiro Yamada, Hisatoshi Sugiura	**PA4375**
	Multimodal analyses show no association of Hedgehog pathway components with Idiopathic pulmonary fibrosis pathology Julie Weidner (Gothenburg, Sweden), Neha Cheemalavagu, Fanyi Jiang, Benjamin Georgi, Glenda Lassi, Emil Ivarsson, Antonio Piras, Meztli Matadamas Guzman, Lisa Öberg, Daniel Muthas, Adam Platt, Adnan Azim, Zala Jevnikar	**PA4376**
	In silico modeling of a novel nebulized pirfenidone formulation (AP01) predicts aerosol distribution throughout the lung Michelle Palacios (Cambridge, United States), Jakob Richter, Maximilian Grill, Melissa Rhodes, Stephen Pham	**PA4377**
	Combination of ferulic acid, quercetin and glycyrrhizic acid in bleomycin-induced pulmonary fibrosis hongli zhao (Jinzhou, China), Fanglei Cao, Ruixin Li, Pushuai Wen, Dunqiang Ren, Ke Cao	**PA4378**
	Nintedanib lacks efficacy in a spirometry-confirmed and bleomycin-induced mouse model of idiopathic pulmonary fibrosis Stine Jansen (Hørsholm, Denmark), Asbjørn Graver Petersen, Jamal Bousamaki, Grzegorz Maciag, Stefanie H. Korntner, Susanne E. Pors, Linn Salto Mamsen, Silas A. Rasmussen, Casper Gravesen Salinas, Louise Humle Kruse, Ulf Simonsen, Henrik H. Hansen	**PA4379**
	In vitro models of cystic and fibrotic lung diseases for high-throughput drug screening Sara Cuevas Ocaña (Cambridge, United Kingdom), Abida Islam Pranty, Jennifer A Dickens, Stefan J Marciniak	**PA4380**
	The lungs of patients with IPF predominantly exhibit eosinophilic and macrophage driven inflammation Wenying Lu (Launceston, Australia), Affan Mahmood Shahzad, Ross Vlahos, Josie Larby, Michael Schuliga, Jane Read, Claire Thomson, Jade Jaffar, Sameer Kulkarni, Darren Sutherland, Mathew Suji Eapen, Tilllie L. Hackett, Tamera Corte, Steven Bozinovski, Jonathan McQualter, Sukhwinder Singh Sohal	**PA4381**
	Integrated, time-resolved analysis of functional, structural and molecular dynamics in a bleomycin-induced pulmonary fibrosis mouse model Emanuela Bocchi (Parma, Italy), Sofia Beghi, Marcello Trevisani, Vanessa Pitozzi, Francesca Ruscitti, Silvia Parolo, Franco Fabio Stellari, Erica Ferrini, Costanza Anna Maria Lagrasta, Antonella Maria Nogara	**PA4382**
	Standardisation of a simple and reliable measurement protocol of myeloid-derived suppressor cells in peripheral blood and bronchoalveolar lavage of patients with interstitial lung diseases Nikoleta Bizymi (Athens, Greece), Angelos-Panagiotis Bizymis, Andreas M. Matthaiou, Anastasia Apostolidou, Georgios Pitsidianakis, Christina Ntinidi, Nikolaos Tzanakis, Ioannis Tomos, Adamantia Liapikou, Rachel Chambers, Joanna Porter, Katerina M. Antoniou	**PA4383**

Studio Session 384 13:15 - 14:00

Perspective discussion: Can treatable traits- and symptom subtype-based management replace standard sleep apnoea diagnosis and treatment?

Aims : To evaluate whether precision medicine and approaches based on symptoms/patient-reported outcome measures focusing on treatable traits, endotypes and symptom subtypes are ready to replace the current standard diagnostic and therapeutic strategies in sleep apnoea or sleep-disordered breathing in general; to foster discussion on the clinical applicability, potential benefits and limitations of these emerging strategies by presenting the latest evidence for and against their use; to explain to participants how personalised approaches could reshape conventional management and what gaps must still be filled before they can be widely adopted.

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Physiology

Tag(s) : Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Technical Assistant, Physiologist, Scientist (basic, translational), Respiratory therapist

Chairs : Sara De Matteis (Torino, Italy), Sébastien Baillieul (Grenoble, France)

13:15	**Precision matters: highlighting the relevance of endotypes and symptom subtypes for successful treatment concepts** Maria Rosaria Bonsignore (Palermo, Italy)	**4409**

13:30	**Back to basics: why do established diagnostic and treatment paradigms still lead the way in obstructive sleep apnoea management?** Johan Verbraecken (Edegem (Antwerp), Belgium)	**4410**
13:45	**Discussion and Q&A** All speakers	**4411**

1A Session 385 13:45 - 15:15

State of the art session: Respiratory infections

Community-acquired pneumonia: evidence-based strategies from the 2025 ATS guidelines

Aims : To provide respiratory physicians with a comprehensive and practical update on the management of community-acquired pneumonia based on the 2025 ATS guidelines; to summarise the latest evidence on diagnosis, severity assessment, antimicrobial therapy and adjunctive treatments, and translate recommendations into real-world clinical practice; to explore, through case-based discussions and expert interpretation, tools for optimising patient care, implementing personalised strategies and applying guideline recommendations safely and effectively across outpatient, inpatient and intensive care unit settings.

Disease(s) : Respiratory critical care Respiratory infections

Method(s) : Epidemiology General respiratory patient care Respiratory intensive care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Respiratory critical care physician, Radiologist, Scientist (basic, translational)

Chairs : Catia Cilloniz Campos (Barcelona, Spain), Onn Min Kon (London, United Kingdom), Francesco Blasi (Milan, Italy)

13:45	**Rewriting the rules of community-acquired pneumonia: what's new in the ATS 2025 guidelines?** Markus Fally (Copenhagen, Denmark)	**4412**
14:00	**Seeing is believing: lung ultrasound and biomarkers transforming community-acquired pneumonia diagnosis** Damien Basille (Amiens, France)	**4413**
14:15	**Smart antibiotics in the era of stewardship: evidence-based community-acquired pneumonia therapy** Eva Polverino (Barcelona, Spain)	**4414**
14:30	**Beyond one size fits all: personalised and adjunctive therapies in community-acquired pneumonia** Grant Waterer (Perth (WA), Australia)	**4415**
14:45	**Discussion and Q&A** All speakers	**4416**

3L Session 386 13:45 - 14:30

Guidelines session: From detection to decision: guidance on managing positive findings in lung cancer screening

ERS/ESR/ESTI/ESTRO/ESTS/ELF patient-targeted clinical practice guideline

Aims : To present the first European multisociety (ERS, ESR, ESTI, ESTRO, ESTS and ELF) patient-targeted clinical practice guideline on the management of positive findings from low-dose computed tomography lung cancer screening following the GRADE-guideline approach; to highlight, given the growing implementation of lung cancer screening programmes and implementation pilots across Europe, the critical need for safe, efficient and evidence-based workup of positive screen-detected nodules resulting in early detection of lung cancer and, as a consequence, mortality reduction; to discuss lung cancer screening from the perspective of the participant/patient; to contextualise the substantial heterogeneity and evidence gaps that existed prior to the publication of this guideline; to present the key evidence-based recommendations and underlying evidence-to-decision processes of the clinical practice guideline; to outline future directions for harmonised implementation, quality assurance and research across Europe.

Disease(s) : Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology General respiratory patient care Imaging

Tag(s) : Clinical, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Radiologist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Marion Delcroix (Leuven, Belgium), Yochai Adir (Haifa, Israel), Hans-Ulrich Kauczor (Heidelberg, Germany)

13:45	**Patient testimony** Janette Rawlinson (Tipton, United Kingdom)	**6812**

13:50	**Evidence and heterogeneity: previous nodule management approaches and emerging evidence in low-dose computed tomography screening** Annemiek Snoeckx (Edegem (Antwerp), Belgium)	**4417**
14:05	**New joint guideline : translating evidence into decisions and clinical pathways for positive screen-detected nodules** Torsten Gerriet Blum (Berlin, Germany)	**4418**
14:20	**Discussion and Q&A** Annemiek Snoeckx (Edegem (Antwerp), Belgium), Torsten Gerriet Blum (Berlin, Germany), Gabor Kovacs (Graz, Austria), Katarina Zeder (North Bethesda, United States)	**4419**

3B Session 387 13:45 - 15:15

Hot topics: What we eat, what we breathe: a collaborative fight for better breathing

Aims : To explore how planetary health, food systems and lifestyle factors interact to shape respiratory health across populations; to examine how dietary patterns, food-related environmental exposure, body composition and physical activity contribute to the development and progression of chronic respiratory diseases such as asthma and COPD by integrating perspectives from nutritional epidemiology, environmental health and clinical research; to highlight emerging epidemiological evidence linking dietary patterns and sustainable nutrition with respiratory health and disease prevention; to examine environmental exposure related to food systems, including exposure to agricultural air pollution, and its contribution to the respiratory disease burden; to discuss the role of body composition and physical activity in respiratory disease mechanisms, beyond traditional indicators such as body mass index; to provide a global perspective, addressing how nutrition transitions, environmental exposure and social inequalities influence respiratory health in low- and middle -income countries; to discuss how evidence from the EAT-Lancet Planetary Health Diet can inform respiratory disease prevention, clinical practice, patient guidance and public health policies; to identify practical and actionable opportunities for clinicians, researchers and policymakers to improve respiratory health within a planetary health framework by bringing together these complementary perspectives.

Disease(s) : Airway diseases | Respiratory critical care | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Journalist

Chairs : Bianca Brandon (London, United Kingdom), Rafael E. de la Hoz (New York, United States), Selin Çakmakcı Karakaya (Ankara, Türkiye)

13:45	**Patient testimony** Barry Goffred (, United States)	**4420**
13:50	**Lung health benefits of a dietary transition: a nutritional perspective** Raphaëlle Varraso (Villejuif, France)	**4421**
14:05	**Planetary health and the lungs: linking air pollution to respiratory disease** Lidwien A.M. Smit (Utrecht, Netherlands)	**4422**
14:20	**Rethinking obesity in respiratory disease: the role of body composition and physical activity** Felipe Machado (Hasselt, Belgium)	**4423**
14:35	**The contribution of nutrition and other environmental exposure to chronic airway disease burden: the view from low- and middle-income countries** Obianuju Beatrice Ozoh (Lagos, Nigeria)	**4424**
14:50	**Discussion and Q&A** All speakers	**4425**

3C Session 388 13:45 - 15:15

Year in review: Clinical

United for prevention in respiratory health: empowering patients, clinicians and researchers to protect lung health

Aims : To summarise the latest clinical and epidemiological evidence on primary prevention strategies in respiratory health, spanning lifestyle, environmental exposure, vaccination and digital innovation; to discuss knowledge gaps and research priorities that hinder the effective implementation of primary prevention interventions; to highlight scalable, evidence-based strategies that empower patients, clinicians and policymakers to improve respiratory health outcomes; to discuss the role of multidisciplinary and cross-sectoral collaboration in translating evidence on prevention into practice, policy and patient-centred care; to equip ERS members with actionable insights and tools to advocate for prevention-focused policies and interventions at the local, national and international levels.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Respiratory therapist

Chairs : Rosa Faner (Barcelona, Spain), Ferran Barbe (Lleida, Spain), Hilary Hodge (Montreuil-Juigne, France)

13:45	**Environmental exposures in children and adults: reducing risks to the lungs** Valerie Siroux (La Tronche, France)	**4426**
14:00	**Promoting lung health through lifestyle: nutrition and physical activity in respiratory disease** Ioannis Vogiatzis (Blyth, United Kingdom)	**4427**
14:15	**Vaccination strategies and immunological prevention of respiratory infections** Antoni Torres Marti (Barcelona, Spain)	**4428**
14:30	**Digital Innovation and Integrated Care for Early Detection and Prevention** Richard Costello (Dublin 9, Ireland)	**4429**
14:45	**Discussion and Q&A** All speakers	**4430**

3D Session 389 13:45 - 15:15

Symposium: Interstitial lung abnormalities: navigating the uncertainties of incidental radiological findings for patient benefit

Aims : To explore the current uncertainties surrounding interstitial lung abnormalities (ILAs) stemming from the fact that the existing Fleischner Society definition and the ATS statement issued in 2025 are based solely on radiology and do not perfectly align with real-world data on early interstitial lung disease; to explore recent studies examining various aspects of ILAs, including those advancing insights into pathogenesis, serum biomarkers, clinical predictors and interventional trials; to clarify key questions/uncertainties relating to the feasibility and acceptance of screening, namely who should be screened, how it should be done and when follow-up should occur; to foster discussion on potential shared approaches moving forward.

Disease(s) : Interstitial lung diseases | Respiratory critical care

Method(s) : Cell and molecular biology | General respiratory patient care | Imaging

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Scientist (basic, translational), Thoracic oncologist

Chairs : Marlies S. Wijsenbeek (Rotterdam, Netherlands), Anna Lindahl (Helsinki, Finland), Kastriot Kastrati (Vienna, Austria)

13:45	**Redefining ILAs: between shadows and significance** David Lynch (Denver, United States)	**4431**
14:00	**Dissecting ILAs: biomarkers, biology and the road to progression** Maria Molina Molina (Barcelona, Spain)	**4432**
14:15	**Imaging ILAs: beyond radiology to clinical pathways** Laura Fabbri (London, United Kingdom)	**4433**
14:30	**Changing the ILA trajectory: should we treat?** Sara Tomassetti (Florence, Italy)	**4434**
14:45	**Discussion and Q&A** All speakers	**4435**

3E Session 390 13:45 - 15:15

Symposium: Empowering patients and professionals for better lung health

Aims : To present integrated, patient- and provider-centred approaches that advance respiratory care and healthcare workforce resilience; to explore the transition to home spirometry for patients with chronic lung disease, highlight the pivotal role of patient involvement in rehabilitation and self-management, and discuss strategies to support the skills and resilience of healthcare professionals, with a view to improving clinical outcomes, enhancing patient engagement and promoting sustainable, holistic respiratory care by fostering collaboration across disciplines and empowering patients as active partners.

Disease(s) : Airway diseases | Interstitial lung diseases | Paediatric respiratory diseases

Method(s) : General respiratory patient care | Pulmonary function testing | Pulmonary rehabilitation

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Global reach

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Phil Taverner (Bromham, United Kingdom)

13:45	**The tripartite patient/parent/professional relationship in paediatric care: from clinic visits to home monitoring** David Drummond (Paris, France)	**4436**
14:00	**Patient involvement to support physical activity interventions and exercise training** Karin Wadell (Umeå, Sweden)	**4437**
14:15	**Patient-centred approach for developing self-management skills** José Miguel dos Santos Castro Padilha (Porto, Portugal)	**4438**
14:30	**Helping the helpers: supporting skills and resilience in healthcare professionals** Liz Steed (London, United Kingdom)	**4439**
14:45	**Discussion and Q&A** All speakers	**4440**

3F Session 391 13:45 - 15:15

Symposium: Critical challenges in airway disease: gaps in our science to identifying patients at risk of disease worsening

Aims : To explore how targeting airway inflammation over recent decades has revolutionised the management of asthma, and how inhaled corticosteroids and, more recently, biologics have enabled us to address both non-specific and specific inflammatory pathways; to consider a critical challenge that remains in addressing airway disease: identifying patients at risk of disease worsening – particularly those prone to exacerbations; to explore exacerbations, which are not only acute events but also markers of poor disease control and predictors of long-term decline and often reflect gaps in early assessment, follow-up and individualised care; to provide an overview of how exacerbations in COPD are a major driver of morbidity, mortality and healthcare utilisation, often signalling disease progression and systemic impact; to discuss the finding that, across both conditions – and especially in patients with overlapping features – exacerbations represent a universal and persistent challenge for clinicians.

Method(s) : Cell and molecular biology | Epidemiology | Physiology

Tag(s) : Clinical, Translational , Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist

Chairs : Augusta Beech (Manchester, United Kingdom), Niki Ubags (Epalinges, Switzerland)

13:45	**Exacerbations are a shared hallmark of airway diseases, yet can the science explain why outcomes differ so markedly?** Marc Miravitlles (Barcelona, Spain)	**4441**
14:00	**Asthma: why do asthma exacerbations persist, even in well-treated patients on biologics?** Florence Schleich (Liège, Belgium)	**4442**
14:15	**COPD: why can't we predict and prevent disease progression in our patients?** Alexander Mathioudakis (Manchester, United Kingdom)	**4443**
14:30	**Living through exacerbations: how patients experience and navigate exacerbations** Luciano Cattani (Rome, Italy), Myriam Van de velde (Herselt, Belgium)	**4444**
14:45	**Discussion and Q&A** All speakers	**4445**

3G Session 394 14:15 - 15:30

Oral presentation: Stressing the system: what's new in exercise and sports respiratory medicine

Disease(s) : Airway diseases

Method(s) : Physiology | General respiratory patient care | Pulmonary function testing | Pulmonary rehabilitation | Endoscopy and interventional pulmonology

Tag(s) : Clinical

Chairs : James H. Hull (London, United Kingdom), Eric Harbour (Salzburg, Austria)

14:15	**Late Breaking Abstract - Lower cardiopulmonary fitness in 23-year-old males born very preterm with neonatal neurological condition or small for gestational age compared to healthy preterm peers.** Alessandra Adami (Kingston, United States), Joan Sanchis, Cassidy Du Berry, Michael Beaven, Amy D'Agata	**OA4450**
14:20	**Does the respiratory system limit exercise performance in male endurance-trained athletes with airway dysfunction?** Nikki van Noord (Montréal, Canada), Dennis Jensen	**OA4451**
14:25	**Fitness Stratification by VO2peak Reveals Divergent VE–VO_2 Profiles Despite Similar Peak Heart Rate** Mina Ghbrial (Philadelphia, United States), Sheraz Khan, Saqib Baig	**OA4452**
14:30	**Defining critical inspiratory constraints during incremental CPET: Impact on dyspnoea and exercise tolerance across the spectrum of COPD severity** Matthew D. James (Kingston (ON), Canada), Pedro Dal Lago, Abed Hijleh, Reginald Smyth, Sandra Vincent, Madison Coyle, Sebastian Rodriguez-Lhamazares, Nicolle Domnik, Amany Elbehairy, Danilo Berton, J. Alberto Neder	**OA4453**
14:35	**The role of upfront cardiopulmonary exercise test-stress echocardiogram (CPET-SE) in a breathlessness pathway** William Ricketts (London, United Kingdom), Hannah Hylton, Isobel Timms, Selda Ahmet, Philip Marino, Guy Lloyd	**OA4454**
14:40	**Neurophysiological mechanisms of exertional dyspnoea in young electronic cigarette users** Parsa Shekarloo (Toronto, Canada), Ghazal Adibmoradi, Parsa Jamal-Zadeh, Anahita Mirniam, Nicole Seip, Devin Phillips	**OA4455**
14:45	**Two-Day Cardiopulmonary Exercise Testing in Long COVID Patients With Post-Exertional Symptom Exacerbation** Naomi Michotte (Jette, Belgium), Sarah Bomans, David Beckwée, Elisabeth De Waele, Shane Hanon	**OA4456**
14:50	**Effects of biologic therapy on exercise ventilatory behavior in severe asthma: a paired CPET study** Guilherme Ward Leite (São Paulo, Brazil), Tamires Franzotti Cardenas,, Andre Luis Pereira de Albuquerque	**OA4457**
14:55	**Impact of treatment with a biologic agent on exercise capacity in patients with severe asthma** Konstantinos Roukas (Thessaloniki, Greece), Konstantina Dipla, Athanasios Zacharias, Marios Bismpos, Konstantinos Porpodis, Ioannis Stanopoulos, Antreas Zafeiridis, Georgia Pitsiou, Afroditi Boutou	**OA4458**
15:00	**Accessible diagnostics and therapeutics for patients with exercise limitation caused by excessive dynamic airways collapse** Tod Olin (Denver, United States), Jack Anderson, Elizabeth Fan, Cori Fratelli, Sohini Ghosh, Laurie Manka	**OA4459**
15:05	**Discussion and Q&A** All speakers	**OA4460**

3H Session 395 14:15 - 15:30

Oral presentation: Frontiers of interventional pulmonology

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Endoscopy and interventional pulmonology Imaging

Tag(s) : Clinical, Digital health

Chairs : Daniela Gompelmann (Vienna, Austria), António Alexandre Pinto Bugalho De Almeida (Lisboa, Portugal)

14:15	**Late Breaking Abstract - Robotic versus electromagnetic bronchoscopy with integrated intraprocedural imaging for peripheral pulmonary lesion assessment: the RELIANT-2 multicenter randomized trial.** Rafael Paez (Nashville, United States), Jennifer Duke, James Katsis, Edward Pickering, Ankush Ratwani, Sylvia Yong, William Thinnes, Greta Bridwell, Kaele Leonard, Jeffrey Thiboutot, Heidi Chen, Sheau-Chiann Chen, Samira Shojaee, Lonny Yarmus, Robert Lentz, Fabien Maldonado	**OA4461**
14:20	**Airway Scaffolds for Emphysema-Related Hyperinflation: 12-month Outcomes** Arschang Valipour (Wien, Austria), Anand Tana, Alvin Ing, Daniel P. Steinfort, Christopher M. Orton, Karin Klooster, Theresa Klemm, Jonathan P. Williamson, Jemma J. Christie, Justin L. Garner, T. David Koster, Raphaela Wahrmann, Marlies van Dijk, Martin L. Mayse, Pallav L. Shah, Dirk-Jan Slebos	**OA4462**
14:25	**Standalone cryobiopsy versus conventional bronchoscopic sampling for peripheral pulmonary lesions: a randomised trial** Yuji Matsumoto (Tokyo, Japan), Toshiyuki Nakai, Dongil Park, Ching-Kai Lin, Hideaki Furuse, Takuya Kawahara, Sze Shyang Kho, Hidenori Tanaka, Kazuhiro Yamada, Tetsuya Watanabe, Duk Ki Kim, Keigo Uchimura, Takaaki Tsuchida, Tatsuya Imabayashi	**OA4463**

14:30	**High-flow versus conventional nasal oxygen during EBUS-TBNA: a multicentre randomized controlled trial with standardized FiO_2 and sedation** Aleš Rozman (Golnik, Slovenia), Antonio Bugalho, Grigoris Stratakos, Sonja Badovinac	**OA4464**
14:35	**Instant AI-based diagnosis of lung tumors using higher harmonic generation microscopy** Sylvia Spies (Amsterdam, Netherlands), Nour Sukkari, Patrick J. Gonzalez, Teodora Radonic, David J. Heineman, Martijn van Dorp, Chris Dickhoff, Peter I. Bonta, Johannes M. A. Daniels, Jouke T. Annema, Marie Louise Groot	**OA4465**
14:40	**Additive value of Cone Beam CT and Cryobiopsy on standard rEBUS-VBN-ROSE for the diagnosis of peripheral pulmonary lesions. A real-life observational study.** Philip Emmanouil (Athens, Greece), Nektarios Anagnostopoulos, Vlasios Vitsas, Evaggelia Koukaki, Emmanouil Verykakis, Stavroula Zaneli, Grigorios Stratakos	**OA4466**
14:45	**Rethinking surveillance of sub-8 mm pulmonary nodules in the era of robotic bronchoscopy and cone-beam CT** Essam Mekhaiel (Willowbrook, United States), Fadi Aldaas	**OA4467**
14:50	**Impact of Lesion Size on Diagnostic Yield in Shape-Sensing Robotic-Assisted Bronchoscopy with Cone-Beam CT** Christopher M Orton (London, United Kingdom), Harris J Trainer, Anand Tana, Ley T Chan, Ola Volhina, Jon I Panaguiton, Ashish Karir, James Tonkin, Justin L Garner, Pallav L Shah	**OA4468**
14:55	**Characterising the Learning Curve of Robotic-Assisted Bronchoscopy Beyond CUSUM Analyses** Harris Trainer (London, United Kingdom), Anand Tana, Ley T Chan, Ola Volhina, Ashish Karir, Justin Garner, Pallav L Shah, Christopher M Orton	**OA4469**
15:00	**Coaxial–Blunt-tip–Low-power CT-guided Microwave Ablation (CBL-MWA) for Lung Nodules: A Three-Hospital Propensity-Weighted Comparison of 40 W versus 50 W** Wangrui Liu (Shanghai, China), Jiachang Chi	**OA4470**
15:05	**Discussion and Q&A** All speakers	**OA4471**

3I Session 396 14:15 - 15:30

Oral presentation: System-level insights into lung disease

Disease(s) : Airway diseases Thoracic oncology Respiratory critical care

Method(s) : Cell and molecular biology Public health Imaging

Tag(s) : Clinical, Translational

Chairs : Padmini Khedoe (Den Haag, Netherlands), Maor Sauler (North Haven, United States)

14:15	**Late Breaking Abstract - Multi-omics atlas of lung reveals the Thbs1-Cd36 axis as a driver of alveolar epithelial senescence via fatty acid peroxidation** Zhenbei Qian (Beijing, China), Leyi Gao, Zhijin Zhang, Lujia Guan, Peigang Wang, Jieqiong Li, Zhaohui Tong	**OA4472**
14:20	**BBT002, a tetravalent bispecific antibody targeting human IL-4Rα and IL-5, demonstrated enhanced efficacy over single-pathway targeting antibodies in an ovalbumin (OVA)-induced asthma mouse model** Thang Ho (Boston, United States), Wei Liang, Jingjing Jiang, Tianhang Zhai, Yuanhong Chen, Shihui Zhou, Xiaofeng Zhang, Weifeng Huang, Shanshan Xu	**OA4473**
14:25	**Single-cell Epigenetic Analysis of Lactylation Reveals the Immune Landscape for COPD** Rongbin Qi (ningbo, China), Chao Cao, Ke Zhu, Chunlian Huang, Xingyu Chen, Qianhua Cao, Wen Zhang, Zihao Ke, Mengyuan Cen, Kunlong Xiong, Yuxiang Fang, Ran Wang, Zhang Wang, Dongqing Lv	**OA4474**
14:30	**Inhaled respiratory commensal bacteria-metabolite synergy reprograms intratumoral T cell stemness against lung cancer** Mengfei Guo (Wuhan, China), Jiatong Liu, Yang Jin	**OA4475**
14:35	**The Spatial Cellular Organization of Mucus-Plugged Small Airways in Chronic Obstructive Pulmonary Disease (COPD) Using Imaging Mass Cytometry** Fatemeh Aminazadeh (Vancouver, Canada), Aileen Hsieh, May Fouadi, Chen Xi Yang, Stacey Ledoux, Joel. D. Cooper, James. C. Hogg, Dragos. M. Vasilescu, Tillie-Louise Hackett	**OA4476**

14:40	**Single-Cell Profiling Reveals a Lipid-Associated Metabolic Shift in E-cigarette Exposed Airway Macrophages in Young Users** Dina Yehia (Vancouver, Canada), Elizabeth Guinto, Firoozeh V. Gerayeli, Alexandra Schmidt, Xuan Li, Carolyn J. Wang, James A. Liggins, Chung Y. Cheung, Julia S.W Yang, Cassie L. Glichrist, Graeme J. Koelwyn, Rachel L. Eddy, Stephen Milne, Janice M. Leung, Don D. Sin	**OA4477**
14:45	**CD84 (SLAMF5): A new kid on the block in human ILC2 biology** Xavier Romero Ros (Cambridge, United Kingdom), Elizabeth K Haughey, Michele Chirichella, Owen Wyatt Wyatt, Christopher O'Callaghan, Sam Strickson, Suzanne Cohen	**OA4478**
14:50	**Late Breaking Abstract - Gut microbiota-derived tauroursodeoxycholic acid attenuates sepsis-induced coagulopathy through platelet TGR5** Xiaoshuang Lyu (Beijing, China), Ziting Liang, Renyang Tong, Chao Ren, Xiaoyan Liu, Zhaohui Tong	**OA4479**
14:55	**LSC - 2026 - Mapping the immune and stromal microenvironment in COPD and IPF.** Sara Patti (London, United Kingdom), Christopher M Orton, Balazs Bohar, Anand Tana, Will Traves, Leda Yazbeck, Andrew Nicholson, Laura Yates, Pallav L Shah, Philip Molyneaux, Clare Lloyd	**OA4480**
15:00	**Mac-SPP1hi modulates galectin-1 to promote FAK/MAPK pathway hyperactivation to induce aberrant tracheal repair** Ranyang Liu (Chongqing, China), Shuliang Guo	**OA4481**
15:05	**Discussion and Q&A** All speakers	**OA4482**

3J Session 397 14:15 - 15:30

Oral presentation: Molecular insights in obstructive sleep apnoea: hypoxia, inflammation and cardiometabolic risk

Disease(s) : Sleep and breathing disorders

Method(s) : Cell and molecular biology General respiratory patient care Pulmonary rehabilitation Imaging Physiology Epidemiology

Tag(s) : Basic science, Clinical, Translational

Chairs : Isaac Almendros (Barcelona, Spain), Lucia Pinilla (Adelaide, Australia)

14:15	**Late Breaking Abstract - A novel open mask CO2 delivery system reduces high altitude sleep disordered breathing: a randomized controlled trial** Yuanming Luo (Guangzhou (Guangdong), China), Shanfeng Liang, Baiting He, Joerg Steier, Alan R Schwartz, Andrew Wellman, Peter Catcheside, Danny J Eckert	**OA4483**
14:20	**Chronic intermittent hypoxia reprograms circadian metabolism in a model of sleep apnea.** Jonathan Gaucher (Grenoble, France), Guillaume Vial, Emilie Montellier, Sophie Bouyon, Kousha Ashtiani, Sherif Abdelkarim, Emeline Lemarie, Antoine Boutin, Renaud Tamisier, Pierre Baldi, Jean-Louis Pépin	**OA4484**
14:25	**Distribution and determinants of hypoxic burden in a large polysomnographic cohort of obstructive sleep apnea** Abir Bouhamdi (Fez, Morocco), Hind Bourkhime, Yassin Chefchaou, Meryem Benjelloun, Sanae Labyad, Mounia Serraj, Bouchra Amara, Adil Najdi, Mohamed Chakib Benjelloun, Mohammed ELBiaze	**OA4485**
14:30	**Obesity-associated lipotoxicity impairs upper-airway skeletal muscle function via ATF5–LONP1-dependent UPRmt** Ning Li (Shanghai, China), Haitong Luo	**OA4486**
14:35	**Th2-polarized circulating fibrocytes drive endothelial dysfunction in obstructive sleep apnea via an IL-4 dependent mechanism** Shang-Fu Hsu (Taipei City, Taiwan), Han-Pin Kuo, Kai-Juan Ye	**OA4487**
14:40	**Inflammatory serum markers and inflammasome-related extracellular vesicles in obstructive sleep apnea: potential biomarkers of cardiovascular risk** Nicol Strakova (Brno-Medlánky, Czech Republic), Samuel Genzor, Jirina Prochazkova, Petr Mooz, Radana Brumarova, David Friedecky, Martina Fojtikova, Josef Masek	**OA4488**
14:45	**Circulatory Monocytes Subsets and Progression of Carotid Intima-Media Thickness in Obstructive Sleep Apnea. The EPIOSA Study.** Maria Senar Garcia (Zaragoza, Spain), Jorge Rodriguez Sanz, Pablo Cubero Marín, Ana Victoria Gil, Raquel Langarita, David Sanz Rubio, Irene Almudena Tesán Aznar, María Teresa Martín Capri, José María Marín Trigo, Marta Marín Oto	**OA4489**

14:50	**Multidimensional Patient Reported Outcome Measures assessment in non-invasive ventilated patients: A cluster analysis of residual symptoms profiles** Pierre Tankéré (Lyon, France), Marie Destors, Laurence Gaumond, Laure Peter-Derex, Jean Louis Pépin, Renaud Tamisier	**OA4490**
14:55	**Impact of a Muscle Training Device on Non-Severe OSA: A Randomized Controlled Study** Naphitchaya Wiriya (Pathum Thani, Thailand), Chatkarin Tepwimonpetkun, Paskorn Potawanich, Nithita Sattaratpaijit, Orapan Poachanukoon, John D. Brennan, Kannaphob Ladthavorlaphatt	**OA4491**
15:00	**Insomnia and COMISA drive hidden nocturnal glycemic variability in well-controlled Type 2 Diabetes - revealed by multi-night sleep and CGM** Hai Ka, Betty Young (Hong Kong, Hong Kong), Chak Yan Isaac Kwok, Pui Sze Grace Hui, Ka Shing Yan, Yin San Florence Wong, Man Chi Wong, Lydia Leung, Cynthia Cheung, Chih-Wei Tsai	**OA4492**
15:05	**Discussion and Q&A** All speakers	**OA4493**

3K Session 398 14:15 - 15:30

Oral presentation: New insights in respiratory physiology

Disease(s) : Pulmonary vascular diseases Airway diseases Interstitial lung diseases

Method(s) : Pulmonary function testing General respiratory patient care Physiology Imaging Epidemiology

Tag(s) : Translational

Chairs : Mathieu Marillier (Echirolles, France), Christina Nielsen (Hvidovre, Denmark)

14:15	**Late Breaking Abstract - Polygenic basis of lifetime lung function trajectories and spirometry patterns in the Tasmanian Longitudinal Health Study** Benjamin Georgi (Mölndal, Sweden), Dinh S Bui, N Sabrina Idrose, Eleanor Wheeler, Coralie Viollet, Jennifer L Perret, Caroline J Lodge, Michael J Abramson, Adrian Lowe, Garun S Hamilton, Christine Jenkins, John W Holloway, Rosa Faner, Chamara Senaratna, Jingwen Zhang, David P Johns, David Martino, Yuben Moodley, Gary Anderson, Bircan Erbas, Richard Wood-Baker, Erin Oerton, Slavé Petrovski, Chris Chamberlain, Daniel Muthas, Kristoffer Ostridge, Adam Platt, MeiLan Han, George Washko, E. Haydn Walters, Glenda Lassi, Shyamali C Dharmage	**OA4494**
14:20	**Impact of GLI 2022 Race-Neutral Equations on Spirometric Classification in a Portuguese Tertiary Hospital Cohort** Ana Sara Silva Gonçalves (Funchal, Portugal), Pedro Varandas, Maria João Lúcio, Raquel Barros, Ana Sofia Oliveira, Paula Pinto	**OA4495**
14:25	**Identifying airway obstruction using deep learning analysis of routine electrocardiography** Maryam Anwaar (Dublin, Ireland), Andrew Stone, Eimear O'Brien, David Burke, Seamus J. Linnane	**OA4496**
14:30	**Clinical relevance of a novel oscillometric index integrating within-breath changes in respiratory resistance and reactance in interstitial lung disease** Shin Furutaka (Kashihara, Nara, Japan), Kazuya Tanimura, Ryosuke Kataoka, Kazuki Ota, Tatsuhiro Furuyama, Nobuhiro Fujioka, Yoshifumi Yamamoto, Aya Yamada, Ryousuke Taiji, Shigeo Muro	**OA4497**
14:35	**Stress Pulse Oximetry versus Six-Minute Walk Test for exercise oxygen titration in chronic respiratory failure- a randomized controlled trial (LOTUS)** Vinoo Ish (Braunschweig, Germany), Hendrik Bokemüller, Alexandra Harsing, Hayo Schrepper, Thomas Bitter	**OA4498**
14:40	**Rethinking the 6MWT: what does continuous SpO2 monitoring reveal about exercise-induced desaturation in fibrosing ILD?** Artur Zanelatto Santos (Porto Alegre (RS), Brazil), Bruno Natanael Vieira, Gustavo Wagner dos Santos, Isabella Passos Negreiros, Lívia Maria Galli, Taís Losekann Zorrer, Alice Scussel, Fernanda Oliveira Baptista da Silva, Frances Kopplin Crespo, Franciele Plachi, Marcelo Basso Gazzana, Danilo Cortozi Berton	**OA4499**
14:45	**How do Cardiopulmonary Outcomes Evolve Following NUSS Procedure in Adolescents with Pectus Excavatum?** Rebecca Lennon (Glasgow, United Kingdom), Paul Burns, Colleen Carden, Philip Davies, Ross Langley	**OA4500**
14:50	**Quantitative CT and 129XeMRI identify regional structure-function effects of cannabis smoke inhalation related to respiratory symptoms** James Liggins (Vancouver, Canada), Alexandra Schmidt, Haad Bhutta, Cassie Gilchrist, Xuan Li, Clarus Leung, Wu Jih Hsu, Shiva Mostafavi, Jordan Guenette, Jonathan Rayment, Jonathon Leipsic, Don Sin, Janice Leung, Rachel Eddy	**OA4501**

14:55	**Does normobaric hypoxia amplify the influence of biological sex on exercise performance and exertional symptoms?** Amany Elbehairy (Kingston (ON), Canada), Azmy Faisal	**OA4502**
15:00	**Can AI visually screen Wasserman plots for pulmonary hypertension?** TriThien Nguyen (Erlangen, Germany), Andreas Maier, Michael Uder, Sebastian Bickelhaupt, Julian Mueller, Simon Schneider, Michael Furian, Helga Preiss, Carmen Wick, Silvia Ulrich, Mona Lichtblau	**OA4503**
15:05	**Discussion and Q&A** All speakers	**OA4504**

Studio — Session 399 — 14:15 - 14:40

Experts interview: Adaptive servo-ventilation in heart failure following new 2025 guidelines: what has changed in clinical practice?

Aims : To evaluate the impact of the 2025 guideline updates on the use of adaptive servo-ventilation in heart failure and the implications of these updates for clinical practice.

Tag(s) : Clinical, Digital health

Chairs : Sara De Matteis (Torino, Italy), Sébastien Baillieul (Grenoble, France)

14:15	**Adaptive servo-ventilation (ASV) in heart failure after the new guidelines from 2025: What has changed in clinical practice?** Winfried J. Randerath (Solingen, Germany)	**4505**
14:30	**Discussion and Q&A** Winfried J. Randerath (Solingen, Germany), Özlem Kar Kurt (Istanbul, Türkiye)	**4506**

3L — Session 400 — 14:30 - 15:15

Guidelines session: Treatment of pulmonary arterial hypertension
ERS clinical practice guidelines

Aims : To present the new ERS clinical practice guidelines on the treatment of pulmonary arterial hypertension.

Disease(s) : Pulmonary vascular diseases

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Patient, Physician in Pulmonary Training

Chairs : Marion Delcroix (Leuven, Belgium), Yochai Adir (Haifa, Israel), Hans-Ulrich Kauczor (Heidelberg, Germany)

14:30	**ERS clinical practice guidelines on the treatment of pulmonary arterial hypertension: new recommendations for medical therapy** Gabor Kovacs (Graz, Austria)	**4507**
14:45	**ERS clinical practice guidelines on the treatment of pulmonary arterial hypertension: new recommendations on invasive hemodynamic assessment during follow-up** Katarina Zeder (North Bethesda, United States)	**4508**
15:00	**Discussion and Q&A** Gabor Kovacs (Graz, Austria), Katarina Zeder (North Bethesda, United States), Annemiek Snoeckx (Edegem (Antwerp), Belgium), Torsten Gerriet Blum (Berlin, Germany)	**4509**

3.11 — Session 401 — 14:30 - 16:50

Skills workshop: SW10 SW10: Advanced interpretation of cardiopulmonary exercise testing – €
Additional registration is required for this session

Aims : To discuss tips and pitfalls in evaluating the pulmonary aspects of cardiopulmonary exercise testing; to identify the typical pulmonary patterns of responses in cardiopulmonary exercise testing and to develop any new skills and expertise needed to discriminate these from anomalous response profiles, which can cause misinterpretation of test results; to develop the skills needed to correctly assess breathlessness and dynamic hyperinflation.

Disease(s) : Airway diseases, Interstitial lung diseases, Pulmonary vascular diseases

Tag(s) : Clinical

Chairs : William Stringer (Torrance, United States)

14:30	**Assessing breathlessness** J. Alberto Neder (Kingston, Canada)	**4510**

14:30	**Laryngoscopy during exercise: live demonstration** Hege Clemm (Paradis, Norway), Hayley Lewthwaite (Merewether, Australia)	**4511**
14:30	**Ventilatory efficiency and gas exchange** Afroditi Boutou (Thessaloniki, Greece)	**4512**
14:30	**Dynamic hyperinflation and other respiratory measurements: live demonstration** Paolo Palange (Rome, Italy), Michele R. Schaeffer (Vancouver, Canada)	**4513**

3.14 Session 402 14:30 - 16:50

Skills workshop: SW13 SW13: Home invasive and non-invasive ventilation in children – €

Additional registration is required for this session

Aims : To explain to participants the key components of long-term invasive ventilation in children, focusing on tracheostomy management, the use of speaking valves and humidification strategies; to discuss device selection, indications and practical considerations in daily clinical care; to provide hands-on experience of paediatric invasive ventilators and to explain commonly used ventilation modes and settings; to explain how to adapt ventilator settings to different paediatric respiratory conditions and clinical scenarios; to introduce participants to paediatric non-invasive ventilation (NIV) equipment, including masks and ventilators, and to review NIV equipment modes and settings; to teach participants how to recognise and manage patient–ventilator asynchrony in children; to demonstrate a structured, practical approach for interpreting NIV device read-outs in children; to provide a comprehensive account of adherence, leaks, ventilatory effectiveness, residual events and patient–ventilator interaction, and how to translate NIV data into appropriate clinical decision-making using paediatric case reports.

Disease(s) : Paediatric respiratory diseases | Respiratory critical care | Sleep and breathing disorders

Tag(s) : Clinical, Digital health

Chairs : Hui Leng Tan (London, United Kingdom)

14:30	**Interfaces, ventilators, modes and settings in paediatric NIV** Alessandro Amaddeo (Trieste, Italy)	**4514**
14:30	**Analysis of ventilator read-outs in paediatric NIV and IMV** Stijn Verhulst (Antwerpen, Belgium)	**4515**
14:30	**Basics of tracheostomy ventilation at home: tracheostomies, speaking valves, HME, modes of ventilation** Refika Hamutcu Ersu (Ottawa, Canada)	**4516**
14:30	**Real-life clinical cases in invasively ventilated children: emergency scenarios and transition from invasive to non-invasive ventilation** Marti Pons-Odena (Esplugues de llobregat, Spain)	**4517**

Studio Session 403 14:40 - 15:05

Experts interview: Artificial stone silicosis: a preventable 21st century global epidemic

Aims : To raise awareness of the growing burden of artificial stone silicosis and highlight effective prevention, surveillance and occupational health strategies.

Tag(s) : Clinical, Global reach, Prevention

Chairs : Sara De Matteis (Torino, Italy), Sébastien Baillieul (Grenoble, France)

14:40	**Artificial stone silicosis: a preventable 21st century global epidemic** Özlem Kar Kurt (Istanbul, Türkiye)	**4518**
14:55	**Discussion and Q&A** Özlem Kar Kurt (Istanbul, Türkiye), Winfried J. Randerath (Solingen, Germany)	**4519**

1A Session 404 15:30 - 17:00

Clinical cases: Lungs on fire: Respiratory infections

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Respiratory infections

Tag(s) : Clinical

Chairs : Catia Cilloniz Campos (Barcelona, Spain), Onn Min Kon (London, United Kingdom), Francesco Blasi (Milan, Italy)

Discussants : Eva Van Braeckel (Ghent, Belgium), Thomas Wilkinson (Melbourne, Australia)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: S. Valery (France)** Eva Van Braeckel (Ghent, Belgium)	**4520**
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: G. M. G. Ricco (Italy)** Thomas Wilkinson (Melbourne, Australia)	**4521**
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: P. Sukumaran (India)** Eva Van Braeckel (Ghent, Belgium)	**4522**
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: S. Mani (Malaysia)** Thomas Wilkinson (Melbourne, Australia)	**4523**

3L Session 405 15:30 - 17:00

Hot topics: Cutting-edge mechanisms and therapies in interstitial lung disease and associated pulmonary hypertension

Aims : To describe converging mechanisms linking parenchymal and vascular injury; to identify imaging and physiological markers that reflect mixed parenchymal–vascular disease; to discuss how to recognise clinical phenotypes where dual parenchymal–vascular remodelling alters prognosis; to explore integrating the concepts of inflammation, fibrosis and vascular remodelling as a unified disease continuum.

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology Imaging Physiology

Tag(s) : Clinical, Basic science, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Respiratory critical care physician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Journalist, Pharmacist

Chairs : Marion Delcroix (Leuven, Belgium), Yochai Adir (Haifa, Israel), Hans-Ulrich Kauczor (Heidelberg, Germany)

15:30	**Novel insights in phenotyping and prognostication in pulmonary fibrosis: from bench to bedside** Katerina Antoniou (Heraklion, Greece)	**4524**
15:45	**From antifibrotics to precision medicine: what ILD trials reveal about multicompartment disease and respiratory comorbidities** Athina Trachalaki (London, United Kingdom)	**4525**
16:00	**Seeing the invisible: imaging-based phenotyping of pulmonary hypertension in ILD** Parth M Rali (Philadelphia, United States)	**4526**
16:15	**From vasodilation to vascular remodelling: published and upcoming clinical trials in ILD-associated pulmonary hypertension** Gabor Kovacs (Graz, Austria)	**4527**
16:30	**Discussion and Q&A** All speakers	**4528**

3B Session 406 15:30 - 17:00

Journal session: Therapeutics in lung cancer

The Lancet journal session

Aims : To provide a forward-thinking and insightful update on therapeutics for lung cancer; to update the audience on the biology and pathophysiology of lung cancer and precision medicine (with a focus on biomarkers and new diagnostics), in line with the congress theme, bridging the gap between clinicians and researchers; to highlight progress in therapeutics for non-small-cell and small-cell lung cancer; to present a late-breaking research article from the Lancet group, embargoed until the session.

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology Endoscopy and interventional pulmonology General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Nurse, Pathologist, Physician in Pulmonary Training, Thoracic oncologist

Chairs : Bianca Brandon (London, United Kingdom), Rafael E. de la Hoz (New York, United States), Selin Çakmakcı Karakaya (Ankara, Türkiye)

15:30	**Advances in the treatment of early non-small-cell lung cancer: available evidence and prospects in the curative setting of stages I–III** Jordi Remon-Masip (Le Plessis-Robinson, France)	**4529**

15:45	**Therapeutics in advanced non-small-cell lung cancer: new biomarkers and treatment strategies** Francesca Ogliari (Milan, Italy)	**4530**
16:00	**The revolution in the management of small-cell lung cancer** Kate Hockemeyer (New York, United States)	**4531**
16:15	**Induction and consolidation Atezolizumab with stereotactic body radiation therapy versus radiation alone in high risk, early-stage non-small cell lung cancer** Megan Daly (Irvine , United States)	**4532**
16:30	**Discussion and Q&A** All speakers	**4533**

3C Session 407 15:30 - 17:00

Symposium: Redefining airway diseases: what precision medicine has taught us and what comes next

Congress chairs' session

Aims : To raise awareness of the need for collaborative studies to target airway disease heterogeneity; to discuss the opportunities and challenges of this type of research; to provide insights into the impact of this type of research on our understanding of the natural history of respiratory diseases; to encourage novel collaborations that aim to tackle unmet needs in this area.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Sleep and breathing disorders

Method(s) : Cell and molecular biology | Epidemiology | General respiratory patient care

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Digital health, Translational , Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Physician in Pulmonary Training, Physiologist, Scientist (basic, translational), Pharmacist

Chairs : Rosa Faner (Barcelona, Spain), Ferran Barbe (Lleida, Spain), Hilary Hodge (Montreuil-Juigne, France)

15:30	**Roles of population-based studies and consortia in uncovering respiratory health patterns** Helena Backman (Lulea, Sweden)	**4534**
15:45	**Clinical and translational learnings from COPD cohorts: genetics and beyond** Michael Cho (Boston, United States)	**4535**
16:00	**Why do we need to look across disease labels?** Helen Reddel (Sydney, Australia)	**4536**
16:15	**How to build the ideal study and the research ecosystem for translational research** H. Irene Heijink (Groningen, Netherlands)	**4537**
16:30	**Discussion and Q&A** All speakers	**4538**

3D Session 408 15:30 - 17:00

Respiratory medicine meets other disciplines: Crossing borders between pulmonology and rheumatology

From immune dysregulation to precision management of rheumatic lung disease

Aims : To highlight the state-of-the-art understanding of immune-mediated lung involvement in rheumatic diseases (with a focus on interstitial lung disease, pulmonary hypertension and airway disease); to discuss how existing and emerging immunomodulatory strategies can be used optimally across pneumology and rheumatology; to explore how novel cellular therapies (particularly chimeric antigen receptor (CAR) T cells and T-cell engagers) may transform the management of severe, treatment-refractory rheumatic disease and its pulmonary manifestations; to foster closer collaboration between pulmonologists and rheumatologists in clinical practice, clinical trials and translational research.

Disease(s) : Interstitial lung diseases | Respiratory infections

Method(s) : Epidemiology | Pulmonary function testing | Respiratory intensive care

Tag(s) : Clinical, Basic science, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist

Chairs : Marlies S. Wijsenbeek (Rotterdam, Netherlands), Anna Lindahl (Helsinki, Finland), Kastriot Kastrati (Vienna, Austria)

15:30	**The lung–rheum axis in connective tissue diseases: from shared pathways to shared patients** Anna Maria Hoffmann-Vold (Oslo, Norway)	**4539**

15:45	**Immunological endotypes and biomarkers in rheumatic lung disease: towards targeted patient care** Bruno Crestani (Paris, France)	**4540**
16:00	**Targeted immunomodulation in rheumatic lung disease: from biologics to small molecules** Michael Kreuter (Mainz, Germany)	**4541**
16:15	**Beyond biologics: CAR T cells and T-cell engagers in rheumatic disease – opportunities and challenges for lung involvement** Christina Bergmann (Elangen, Germany)	**4542**
16:30	**Discussion and Q&A** All speakers	**4543**

3E Session 409 15:30 - 17:00

Symposium: The power of patient partnerships

Impact, innovation and opportunities: ELF session

Aims : To explain the importance of patient partnerships in research and education; to give examples from the respiratory field/ERS projects of the proven impact of embedding patient–professional partnerships.

Method(s) : General respiratory patient care Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Pathologist, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist, Journalist, Pharmacist

Chairs : Rachel Ong-Salvador (Amsterdam, Netherlands), Sanja Stanojevic (Halifax (NS), Canada), Phil Taverner (Bromham, United Kingdom)

15:30	**The fundamentals of patient–professional partnerships** Dimitris Kontopidis (ATHENS, Greece)	**4544**
15:45	**Co-creating digital and self-management tools: making it work in practice** Erika Kennington (London, United Kingdom)	**4545**
16:00	**Involving patients in long-term large-scale studies: the balance between investment and outcomes** Károly Illy (Tiel, Netherlands)	**4546**
16:15	**Patient partnership at the heart of the ERS: the case of Bronchiectasis** Eliza Kompatsiari (Thessaloniki, Greece)	**4547**
16:30	**Discussion and Q&A** All speakers	**4548**

3F Session 410 15:30 - 17:00

Symposium: Bringing inherent mucociliary escalator defects under one umbrella

Similarities in the features and care of cystic fibrosis and primary ciliary dyskinesia

Aims : To describe the shared and distinct cellular and molecular mechanisms in cystic fibrosis (CF) and primary ciliary dyskinesia (PCD), particularly their impact on mucociliary clearance, chronic infection and inflammation and airway remodelling, to support their classification under a common diagnostic and therapeutic framework; to define the core pathogenetic defects in the airway mucociliary escalator in CF and PCD, such as cystic fibrosis transmembrane conductance regulator (CFTR) dysfunction and ciliary ultrastructural abnormalities, and distinguish them from mechanisms driving non-CF/non-PCD bronchiectasis; to relate the molecular basis of CF and PCD to their divergent clinical manifestations, highlighting how genotype–phenotype correlations influence disease progression and management challenges; to review advanced diagnostic approaches that reflect underlying molecular defects, including functional assays, imaging and omics-based endotyping, and their role in precision diagnosis; to outline current and emerging therapies targeting molecular defects in CF and PCD, including CFTR modulators, ciliary function enhancers and anti-inflammatory strategies informed by translational research.

Disease(s) : Airway diseases Paediatric respiratory diseases Respiratory infections

Method(s) : Cell and molecular biology General respiratory patient care Physiology

Tag(s) : Basic science, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Augusta Beech (Manchester, United Kingdom), Niki Ubags (Epalinges, Switzerland)

15:30	**Cystic fibrosis and primary ciliary dyskinesia have extensive similarities: is it time to place them under a common umbrella?** Andreas M. Matthaiou (Athens, Greece)	**4549**
15:45	**Bridging science and patient care: modern strategies to diagnose and endotype cystic fibrosis and primary ciliary dyskinesia** Stephanie Davis (Chapel Hill, United States)	**4550**
16:00	**Targeting the roots: therapeutic innovation in the care of patients with cystic fibrosis and primary ciliary dyskinesia** Heymut Omran (Münster, Germany)	**4551**
16:15	**Future promise for patients: stem cell models and drug discovery for primary ciliary dyskinesia** Ruth Olmer (Hannover, Germany)	**4552**
16:30	**Discussion and Q&A** All speakers	**4553**

3G Session 411 15:45 - 17:00

Science slam: Science Slam

Aims : To present research in an entertaining way for a non-specialist audience; to give the audience the opportunity to vote for one of five scientists' presenting at the session and therefore elect the 2026 Science Slam winner.

Tag(s) : Clinical

Chairs : Chiara Premuda (Palermo, Italy), Heleen Demeyer (Gent, Belgium), Thais Tofoli (Londrina, Brazil)

15:45	**Introduction and welcome** Chiara Premuda (Palermo, Italy), Heleen Demeyer (Gent, Belgium), Thais Tofoli (Londrina, Brazil)	**4554**
15:50	**The Oxygen Paradox: Why Exercise Becomes Harder in Interstitial Lung Disease** Nazire Nur Yıldız (Niğde, Türkiye)	**4555**
16:02	**Keep walking...your lungs may be hiding a secret** Artur Zanelatto Santos (Porto Alegre (RS), Brazil)	**4556**
16:14	**The impossible match** Fátima Lorena Merchán Molero (Madrid, Spain)	**4557**
16:26	**"Preserved" Lungs, Nervous Heart: What PRISm isn't telling you** Edoardo Pirera (Palermo, Italy)	**4558**
16:38	**Do magical mushrooms make Mario move? Physical activity in the era of CFTR modulators** Manon Kinaupenne (Ghent, Belgium)	**4559**
16:50	**Vote, presentation and interview of the winner** Chiara Premuda (Palermo, Italy), Heleen Demeyer (Gent, Belgium), Thais Tofoli (Londrina, Brazil)	**4560**

3H Session 412 15:45 - 17:00

Oral presentation: Machine learning and "omics" at the service of lung cancer care

Disease(s) : Thoracic oncology

Method(s) : Cell and molecular biology Epidemiology Surgery Imaging Endoscopy and interventional pulmonology

Tag(s) : Basic science, Clinical, Translational , Digital health

Chairs : Maria Joana Pereira Catarata (Porto, Portugal), Ilona Tietzova (Prague, Czech Republic)

15:45	**Late Breaking Abstract - Feasibility and diagnostic performance of NodeAI for real-time prediction of mediastinal lymph node malignancy during EBUS for lung cancer staging** Wael Hanna (Oakville, Canada), Yogita S. Patel, Anthony A. Gatti, Adrianna Olszewski, Biniam Kidane, Patrick James Villeneuve, Geneviève Digby, Simon R. Turner, Rahul Nayak, Kazuhiro Yasufuku, Moishe Liberman, Waël C. Hanna	**OA4561**
15:50	**A Comparative Evaluation of Pathology Foundation Models for Predicting ALK Mutations in Lung Adenocarcinoma** Min Zhao (Chongqing, China), Lingqi Gao, Dan Li, Fajin Lv, Wangjia Li, Binjie Fu, Yuan Li	**OA4562**
15:55	**Integrating Radiomics and Transcriptomics to Predict Prognostic Risk in Lung Adenocarcinoma** Lingqi Gao (Chongqing, China), Ming Zhao, Binjie Fu, Wangjia Li, Fajin Lv, Yuan Li	**OA4563**

16:00	**Single-Cell and Spatial Transcriptomics Reveal the Spatiotemporal Evolution of the Immune Microenvironment in TP53-Mutant Lung Cancer** Xinggang Yang (chengdu, China), Zhe Wen, Guonian Zhu, Weimin Li, Zhoufeng Wang	**OA4564**
16:05	**Decoding Lung Cancer Risk in Alpha-1 Antitrypsin Deficiency (EARCO Analysis): A Machine Learning Approach Revealing the Dominance of Systemic Frailty** Gianna Vargas Centanaro (Madrid, Spain), Soha Esmaili, Juan Luis Rodriguez Hermosa, Iman Esmaili, María Torres Durán, Hanan Tanash, Alice M Turner, Miriam Barrecheguren, Carlota Rodríguez García, Marc Miravitlles, Eva Bartošovská, Kenneth R.Chapman, Jose Luis Lopez-Campos, Jean-François Mornex, Christian Clarenbach, Catarina Guimaraes, Bunel-Gourdy Vincent, Myriam Calle Rubio	**OA4565**
16:10	**Adrenaline Targets ADRB2 on Tumor Cells to Rapidly Ignite Mitochondrial Energy Metabolism and Trigger the Elimination of Pulmonary Adenocarcinoma** Jiangbin Chen (Wuhan, China), Yang Jin	**OA4566**
16:15	**Multi-omic Profiling Defines Distinct Primary Tumor Ecosystems That Predetermine Metastatic Organotropism In Non-small-cell Lung Cancer** Zhe Wen (chengdu, China), Jinghong Xian, Zhoufeng Wang, Jie Wang, Weimin Li	**OA4567**
16:20	**A dynamic Host-Tumor Dual-Perspective Deep Learning Framework for Predicting Pathological Response to Neoadjuvant Chemoimmunotherapy in NSCLC** Yang Xia (Hangzhou, China)	**OA4568**
16:25	**B3GNT3 links CD70 to a spatially restricted dysfunctional T-cell niche in lung adenocarcinoma** Yaolin Zheng (Xiamen, China), Zhihuai Qiao, Dai Cao, Jing Wu, Xiaoyi Hu, Mingzheng Jiang, Zhancheng Gao, Yali Zheng	**OA4569**
16:30	**Breath-omics based model for lung cancer pre-screening triage: a multicenter study** Hengrui Liang (Guangzhou, China), Minhua Peng, Bo Tian, Ran Zhong, Zhuxing Chen, Pengnan Fan, Xianzhe Fan, Ailifeire Aihemaiti, Hong Wang, Xiaofan Su, Jun Kong, Weiliang Liang, Shengli Yang, Junqi Wang, Qiang Li	**OA4570**
16:35	**Discussion and Q&A** All speakers	**OA4571**

3I Session 413 15:45 - 17:00

Oral presentation: Advanced quantitative imaging and phenotyping in pulmonary disease s

Disease(s) : Airway diseases | Thoracic oncology | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : Imaging | Pulmonary function testing | Physiology

Tag(s) : Clinical

Chairs : Christoph Lederer (Heidelberg, Germany), Ni Nyoman Indirawati Kusuma (Jakarta, Indonesia)

15:45	**Late Breaking Abstract - 3D EIT versus 2D EIT for bedside mapping of regional ventilation and perfusion in pulmonary disorders: a prospective observational study** LU WANG (SHANGHAI, China), Yuanlin Song	**OA4572**
15:50	**Mixed Mucus Plug-Emphysema Subtype and Adverse Outcomes in Chronic Obstructive Pulmonary Disease** Yanfei Guo (Beijing, China), Yang Li, Yuxia Wang, Min Zhang, Guoxuan Wang, Jia Cui, Ziqing Zhang, Xiaoyan Wang, Xingxia Yang	**OA4573**
15:55	**Combined Effect of Airway Mucus Plug Score and Mucus Plug Length in Predicting Severe Exacerbation of COPD** Ziqing Zhang (Beijing, China), Yanfei Guo	**OA4574**
16:00	**Association Between Quantitative CT–Assessed Emphysema Severity and Diagnostic Yield of Bronchoscopy for Peripheral Pulmonary Lesions** Tomoaki Nakamura (Tokyo, Japan), Hideaki Furuse, Yuji Matsumoto, Kenya Sato, Takaaki Tsuchida	**OA4575**
16:05	**Association of "Emptying Emphysema" with Clinical and Radiographic Features in People with Smoking History** Spyridon Fortis (IOWA CITY, United States), Sarah Gerard, Matthew Strand, Amin Motahari, Surya Bhatt, MeiLan Han, James Crapo, Edwin Silverman, Joseph Reinhardt, Eric Hoffman, Alejandro Comellas	**OA4576**
16:10	**Anthropometry, sex, and age at diagnosis influence AI-based pulmonary blood volume quantification from CTPA in pulmonary hypertension** Hakim Ghani (Cambridge, United Kingdom), Muhunthan Thillai, Simon Walsh, Elliott Bussell, Joanna Pepke-Zaba	**OA4577**

16:15	**Is CT pectoralis muscle size associated with exercise capacity and symptom burden in COPD independent of lung structure and function?** Daniel Genkin (Toronto, Canada), Pei Li, Wan Tan, Jean Bourbeau, Michael Stickland, Dennis Jensen, Miranda Kirby	**OA4578**
16:20	**Early diagnosis of pre-symptomatic pulmonary involvement in rheumatoid arthritis patients through clinical assessment and imaging techniques** Eray Halisdemir (Rize, Türkiye), Neslihan Özçelik, Gül Devrimsel, Münevver Beyazal, Osman Cüre, Nur Hürsoy, Elvan Şentürk, Songül Özyurt, Aziz Gümüş, Bilge Yılmaz Kara	**OA4579**
16:25	**Quantitative CT Fibrosis More Accurately Captures Phenotype and Prognosis in Connective Tissue Disease–Related ILD** Simon Walsh (Cambridge, United Kingdom), Anna Maria Hadjigregoriou, Cameron Wilson, Nicola Dinsdale, Amy Craster, Rebecca Keegan, Muhunthan Thillai, Simon L. F. Walsh	**OA4580**
16:30	**Low-dose high-resolution Photon-counting CT: Optimizing reconstruction settings for evaluating pediatric respiratory diseases** Ieva Aliukonyte (Rotterdam, Netherlands), Pranali Raut, Harm Tiddens, Pedro MirandaAfonso, Hettie Janssens, Liesbeth Duijts, Herman Dekker, Mark Liszewski, Pablo Caro-Domínguez, Thomas Semple, Chiara Sileo, Daniel Gräfe, Mariëlle Pijnenburg, Pierluigi Ciet, Daan Caudri	**OA4581**
16:35	**Discussion and Q&A** All speakers	**OA4582**

3J Session 414 15:45 - 17:00

Oral presentation: From ribonucleic acid to paired-end tag

Disease(s) : Respiratory critical care, Airway diseases, Interstitial lung diseases

Method(s) : Cell and molecular biology, Surgery, Transplantation, Imaging, Pulmonary function testing

Tag(s) : Basic science, Translational , Digital health

Chairs : Letizia Corinna Morlacchi (Milano (MI), Italy), Macé Matthew Schuurmans (Zürich, Switzerland)

15:45	**Single-Nucleus RNA profiling demonstrates altered bronchial epithelial cell composition in end-stage Chronic Lung Allograft Dysfunction** Pieterjan Kerckhof (Leuven, Belgium), Elif Olken, Hanne Beeckmans, Marta Zapata, Charlotte Hooft, Martina Mercurio, Xin Jin, Balin Ozsoy, Cedric Vanluyten, Lara Verbeylen, Annalisa Barbarossa, Birger Tielemans, Vincent Geudens, Gitte Aerts, Andrea Zajacova, Barta Saez, Theodoros Kapellos, Jonas Schupp, Saskia Bos, Laurens Desadeleer, Francesca Polverino, Bernard Thienpont, Laurens Ceulemans, Onder Yildirim, Robin Vos, Bart Vanaudenaerde	**OA4583**
15:50	**Single-nucleus RNA sequencing uncovers dynamic endothelial heterogeneity and increasing capillary inflammation during human lung ischemia-reperfusion injury** Balin Ozsoy (Leuven, Belgium), Jan Van Slambrouck, Koen Veys, Xin Jin, Cedric Vanluyten, Bieke Vercauteren, Annalisa Barbarossa, Marina GMC Mori da Cunha, Mélanie Guyot, Robin Vos, Bart M Vanaudenaerde, Laura PMH de Rooij, Peter Carmeliet, Laurens J Ceulemans	**OA4584**
15:55	**FDG-PET/CT for Early Detection of Malignancy in Lung Transplant Candidates - A Pilot Study** Ofir Deri (Petach Tikva, Israel), Liav Lavi, Liran Levy	**OA4585**
16:00	**The Vascular Landscape of Obliterative Bronchiolitis after Lung Transplantation: A Multi-modal Deep Dive** Axelle Coppens (Wilrijk, Belgium), Rahel Bodenmann, Janik Riese, Huijan Wang, Matthias Brunner, Mark Kuehnel, Lancelot Seillier, Francois Carlier, Christopher Werlein, Jan-Christopher Kamp, Lavinia Neubert, Maximilian Ackermann, Birger Tielemans, Therese S Lapperre, Adam Szmul, Joseph Jacob, Daisuke Yamada, Peter D Lee, Theresa Urban, Paul Tafforeau, Anne Sieben, Barbara Putman, Geert M Verleden, Wen Wen, Jeroen M H Hendriks, Danny D Jonigk, Janine Gote-Schniering, Stijn E Verleden	**OA4586**
16:10	**Is PRISM a Progressive Phenotype after hematopoietic stem cell transplantation? A Longitudinal Analysis of Lung Function Trajectories** Bjoern Frye (Freiburg, Germany), Andreas Hoheisel, Saskia Kiefer, Ina Hettich, Theresa Gross, Theodora Zouvani, Sebastian Fähndrich, Daiana Stolz	**OA4588**
16:15	**3D-Guided Double Lung Transplantation in Mounier–Kuhn Syndrome: Multidisciplinary Preoperative Planning for Complex Airway Reconstruction** Dagmara Galle (Poznań, Poland), Marek Ochman, Fryderyk Zawadzki, Mikołaj Basza, Wojciech Bojanowicz, Tomasz Stącel, Maciej Urlik, Tomasz Hrapkowicz	**OA4589**

16:20	**Predictive value of early longitudinal spirometry for chronic lung allograft dysfunction (CLAD) after lung transplantation: a machine-learning analysis** Francesca Pennati (Milano, Italy), Antonella LoMauro, Riccardo Orlandi, Giulia Garulli, Gianpaolo Carrafiello, Letizia Morlacchi, Valeria Rossetti, Francesco Bindo, Valentina Vaira, Andrea Aliverti, Alessandro Palleschi	**OA4590**
16:25	**Mesenchymal stromal cells as rescue therapy for refractory chronic lung allograft dysfunction after lung transplantation: long-term safety and functional trajectories in an Italian monocentric cohort** Sara Lettieri (Pavia, Italy), Maria Antonietta Avanzini, Sara Bozzini, Eleonora Bozza, Valentina Vertui, Federica Domenica Briganti, Francesca Mariani, Annalisa De Silvestri, Elisa Lenta, Mirko Belliato, Patrizia Comoli, Federica Meloni	**OA4591**
16:30	**Discussion and Q&A** All speakers	**OA4592**

3K Session 415 15:45 - 17:00

Oral presentation: Artificial intelligence and digital innovation in respiratory medicine: real-world evidence across health settings

Disease(s) : Thoracic oncology Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Public health Pulmonary function testing Pulmonary rehabilitation Epidemiology

Tag(s) : Clinical, Translational , Digital health

Chairs : Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom), Andrea Aliverti (Milan, Italy)

15:45	**Late Breaking Abstract - DeepSpiro: Smartphone-Based Lung Function Estimation From Forced -Exhalation Sound — A Multicenter Development and Validation Study** Si Chen (Shanghai, China), Zhaoyang Bu, Chengsheng Yin, Wenyu Zhu, Yanrui He, Jiaxuan Mao, Qian Wang, Leanne Tong, Min Zhou, Zuojun Xu, Jieming Qu	**OA4593**
15:50	**Incidental lung nodule detection using natural language processing enables early-stage lung cancer diagnosis in routine clinical practice** Gabriel Ferreira Santiago (Rio De Janeiro (RJ), Brazil), Tiago Machuca, Clarissa Baldotto, Bruno Hochhegger, Marco Conrado, Rosana Rodrigues, Karina Martinez, Evelise Zaidan	**OA4594**
15:55	**Accuracy of a Machine Learning–Based Chatbot in the Differential Diagnosis of Chronic Cough** Vitalii Poberezhets (Vinnytsia, Ukraine)	**OA4595**
16:00	**Reducing COPD related healthcare utilisation in winter through technology enabled remote monitoring** Ketan Patel (London, United Kingdom), Zulaiga Abrahams, Sadaf Iqbal, Marc Rodriguera, Richa Singh	**OA4596**
16:05	**Real-World Implementation of Telemonitoring in Chronic Respiratory Disease: The Souffle Nouveau project** Julien Lebleu (Bruxelles, Belgium), Benoit Ernst, Marie Bruyneel, Kevin Forton, Thomas Pasau, Maureen Gagliardi, Helene Van Cauwenberghe, Julien Guiot	**OA4597**
16:10	**Real-world walking and chronic obstructive pulmonary disease (COPD) exacerbations rate** Claudia Armengol (Barcelona, Spain), Joren Buekers, Victoria Alcaraz, Paula Álvarez, Clemens Becker, Julia Braun, Nunzio Camerlingo, Brian Caulfield, Andrea Cereatti, Nikolaos Chynkiamis, Martí De Las Heras, Silvia Del-Din, Laura Delgado-Ortiz, Anja Frei, Elena Gimeno-Santos, Nick S Hopkinson, Emily Hume, Paulien Mellaerts, Anisoara Ionescu, Alícia Josa-Culleré, Sarah Koch, Dimitrios Megaritis, Milo Alan Puhan, Lynn Rochester, Dylan Shukla, David Singleton, Thierry Troosters, Beatrix Vereijken, Ioannis Vogiatzis, Henrik Watz, Heleen Demeyer, Judith Garcia-Aymerich	**OA4598**
16:15	**Reducing indoor air pollution in homes of preterm infants using real-time monitoring and education: a prospective within-subject study** Kishan Tsang (Rotterdam, Netherlands), Lara van Iperen, Saskia Willers, Rebecca Leenman, Sef van den Elshout, Angelique Rog, Mariëlle Pijnenburg, Gerdien Tramper-Stranders, Ismé de Kleer	**OA4599**
16:20	**Evaluation of the clinical and health economic impact of the myCOPD digital application on hospital admissions following acute exacerbation of COPD: Results from the PROPEL myCOPD study** Henry M G Glyde (Bristol, United Kingdom), Alison Blythin, Jenni Rutherford, Amber Bhogal, Angela Quainoo, Ian Mylon, Sage Bannister, Conor Briant, Ashna Shah, Dave Evans, Rachel Willliams, Ben Ainsworth, Tom M A Wilkinson, James W Dodd	**OA4600**
16:25	**Barriers and facilitators to the use of digital behaviour change interventions in people with lung cancer: A mixed methods systematic scoping review** Rebekah Young (London, United Kingdom), William Ricketts, Paul Pfeffer, Samantha Quaife, Jamie Ross, Lucy Mitchinson	**OA4601**

16:30	**Digital markers predict asthma attacks better than traditional measures: preliminary results from the DIGIPREDICT study** Amy Hai Yan Chan (Auckland, New Zealand), Yekai Zhou, Holly Wilson, Christina Baggott, Catherina L Chang, Stuart Dalziel, Joanna Hikaka, Braden Te Ao, Alana Cavadino, Aron Jeremiah, Adrian Trenholme, Elaine Yap, Stuart Jones, Dianna Gibbs, Amber A Eikholt, Matire Harwood, Ruth Semprini, Kevin C H Tsang, Syed Ahmar Shah, Job F M van Boven, Hilary Pinnock, Ruibang Luo, Ian C K Wong, Jeff Harrison	**OA4602**
16:35	**Discussion and Q&A** All speakers	**OA4603**

3I Session 421 17:30 - 18:30

Joint session: A balancing act: enhancing respiratory care while reducing its carbon footprint

A joint ERS and industry session supported by Chiesi, GSK and Haleon

Aims : To provide a clinically relevant perspective on the intersecting crises of climate change, indoor and outdoor air pollution, and respiratory health down to the individual patient level; to provide clinicians and researchers with an evidence-based reference framework on climate-related respiratory risks, vulnerable populations, adaptation strategies, efforts to reduce healthcare carbon imprint and advocacy opportunities; to present a model that physicians can use to promote sustainable medical practices, advise patients on mitigating the effect of the environment on their conditions and advocate for planetary health.

Tag(s) : Clinical, Sustainability

Chairs : Ane Johannessen (Bergen, Norway), Jonathan Grigg (London, United Kingdom)

17:30	**The climate–respiratory interface: mechanisms and magnitude** Om Prakash Kurmi (Lincoln, United Kingdom)	**4633**
17:45	**Moving away from fluorocarbon gas-propelled inhalers** Arzu Yorgancıoğlu (İzmir, Türkiye)	**4634**
18:00	**Promoting practice changes to mitigate risk while enhancing patient care** Catharina C. Moor (Rotterdam, Netherlands)	**4635**
18:15	**Discussion and Q&A** All speakers	**4636**

PS-1 Session 428 08:00 - 09:30

Poster session: Clinical and translational insights in pleural and interstitial lung diseases

Disease(s) : Interstitial lung diseases Airway diseases Respiratory critical care

Method(s) : Physiology General respiratory patient care Imaging Respiratory intensive care Epidemiology Endoscopy and interventional pulmonology Surgery Pulmonary function testing Public health Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Guillaume Beltramo (Dijon, France), Ionela Belaconi (Bucuresti (Sector 4), Romania), Deepak Muthreja (Nagpur (Maharashtra), India)

Late Breaking Abstract - Identification and Validation of SPP1 as a Prognostic Biomarker in Interstitial Lung Disease Subtypes by Single-Cell Sequencing Jinghong Dai (Shanghai, China), Tong Ji, Yuting Li, Shenao Zhang, Congcong Zhang, Weiwei Xie, Shuyuan Wang, Qin Liu, Hongyang Xu	**PA4659**
To Clamp or Not to Clamp: A Randomized Controlled Trial Shivam Garg (Rishikesh, India), Ruchi Dua, Madhur Uniyal	**PA4660**
Factors associated with delayed lung re-expansion after drainage of spontaneous pneumothorax Chirine Moussa (Tunis, Tunisia), Chaima Turki, Houssem Messoudi, Habib Besrour, Sonia Sghaier, Samira Mhamdi, Chiraz Aichaouia, Zied Moetemri, Zied Moatemri	**PA4661**
Clinical characteristics, etiology, management and outcomes of secondary spontaneous pneumothorax: a 10-year retrospective study Zaineb Ghizaoui (ariana, Tunisia), Yasmine Bellaj, Marwa Bougacha, Chaima Habourria, Nidhal Balloumi, Imen Bachouch, Fatma Abdallah, Soraya Fenniche	**PA4662**
Impact of daily cannabis use on clinical presentation and outcomes of secondary spontaneous pneumothorax: a comparative study Maroua Abbassi (Médenine, Tunisia), azza berkaoui, Marwa Bougacha, Chaima Habouria, Nidhal Balloumi, Yasmine Bellaj, Marwa Abbassi, Rania Debbiche, Imen Bachouch, Fatma Chermiti, Soraya Fenniche	**PA4663**
Validation of the Simplified Pleural Effusion Classification (SPEC) criteria: Diagnostic accuracy of pleural fluid cholesterol and LDH in a TB-endemic setting Rishab Rampradeep (Chennai, India), Gangadharan Vadivelu	**PA4664**
Indwelling pleural catheters for benign pleural effusions: UK-based single centre experience over 3 years Mengfei Lu (Hertfordshire, United Kingdom), Sithu Bala, Ashnish Sinha, Yadee Myint, Mayurun Selvan, Alison McMillan, She Lok, Thida Win	**PA4665**
A 10-year retrospective case series of chylothorax in a regional hospital of Hong Kong: clinical predictors associated with successful resolution Wing Yan Tiffany Lau (Hong Kong, Hong Kong), Chun Kong Ng, Choi Yee Lau, Pak Lam Sammy Chen, Wai Man Johnny Chan	**PA4666**
Evaluating the burden of pleural interventions and utilisation of definitive management in hepatic hydrothorax Cui En Chloe Lim (Singapore, Singapore), Qiao Li Esther Tan, Brian Lee Wei Chua, Si Ling Young, Jane Jing Yi Wong, Ivana Gilcrist Chiew Sian Phua, Wen Ting Lim, Ken Junyang Goh	**PA4667**
Challenges and variation in the management of adult pleural infection across district general hospitals in the Thames Valley region of the United Kingdom. Ali Ibnian (Oxford, United Kingdom), Alguili Elsheikh, Eihab O Bedawi, Beenish Iqbal, Rob Hallifax, Najib M Rahman	**PA4668**
Association of DPP-4 inhibitors use and prognosis of acute exacerbation in interstitial lung diseases: A prospective multicenter observational study Toru Arai (Osaka, Japan), Junji Otsuka, Shinobu Akagawa, Yoriyuki Murata, Hidetoshi Yanai, Ryoji Ito, Takuo Shibayama, Toshihiko Ii, Toshiyuki Kita, Yoshifusa Koreeda, Takayasu Watanabe, Isoko Owan, Yoshikazu Inoue, Takayuki Takimoto, Naoko Takeuchi, Masaki Hirose, Hiromitsu Sumikawa	**PA4669**
Analysis of the Predictive Value of Alveolar Nitric Oxide (CaNO) for the Progression of Fibrotic Interstitial Lung Disease Xiao Cheng (Beijing, China), Lili Zhang, Zhihai Han, Junchang Cui, Tiemei Zhao, Jing Ding, Yiwei Ding, Xue Wang, Chunyang Zhang	**PA4670**

Rheumatoid Arthritis–Associated Interstitial Lung Disease: Current Understanding and Insights from a UK Clinician Survey **PA4671**
Gouri Koduri (Essex, United Kingdom), Louise Pollard, Shirish Dubey, Muhammad Nisar

Risk factors associated with interstitial lung disease in rheumatoid arthritis **PA4672**
Manel Jabberi (tunisia, Tunisia), Islem Mejri, Samira Mhamdi, Chiraz Aichaouia, Zied Moatamri

The risk of interstitial lung diseases in patients with psoriasis and psoriatic arthritis **PA4673**
Esma Salahadeen (Copenhagen, Denmark), Rikke Kart Jacobsen, Lene Dreyer, Janne Petersen, Lone Skov, Saher Burhan Shaker

The role of antinuclear antibody and myositis antibody profile testing to identify subclinical connective tissue diseases among patients presenting with interstitial lung diseases **PA4674**
Thanaporn Mahasandana (bangkok, Thailand), Tananchai Petnak, Pintip Ngamjanyaporn, Thitiporn Suwatanapongched, Chayanin Nitiwarangkul

Interstitial lung disease and autoimmune hepatic antibodies: A retrospective observational study **PA4675**
Gastón Larrea (Ciudad de Buenos Aires, Argentina), Laura Alberti, Tatiana Barbich, Martin Fernandez, Leandro Fassola, Fernando Gruz, Caro Fabian

Patient perspectives on virtual consultations in outpatient nursing consultations for individuals with idiopathic pulmonary fibrosis (IPF) - a qualitative research design **PA4676**
Camilla Bjerre Andersen (Odense Nv, Denmark), Jill Thomsen, Helle Marie Christensen

The risk perception of acute exacerbations of interstitial lung disease among patients, families, and physicians **PA4677**
Sumika Oda (Tokyo, Japan), Yuko Kawamoto, Hikaru Aoki, Yasunari Miyazaki, Makoto Tanaka

Frequency of Helicobacter Pylori Antigen in Patients with Interstitial Lung Disease Followed in Our Clinic -Single Center Experience **PA4678**
Özlem Ataoğlu (Duzce, Türkiye), Mustafa Bugra Ataoglu, Emel Calıskan, Pınar Yıldız Gulhan, Ali Nihat Annakkaya, Abdullatif Sirin, Peri Meram Arbak

PS-10 Session 429 08:00 - 09:30

Poster session: Lung epithelial remodelling and repair

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases

Method(s) : Cell and molecular biology Pulmonary function testing Endoscopy and interventional pulmonology

Tag(s) : Translational , Digital health

Chairs : Serena Di Vincenzo (Palermo (PA), Italy), Anja Schweikert (Dublin, Ireland), Yohannes Tesfaigzi (Boston, United States)

Late Breaking Abstract - Interleukin (IL)-5 directly impairs bronchial epithelial repair: evidence for a novel epithelial mechanism of airway remodelling in severe asthma **PA4679**
Emily Swindle (Southampton (Hampshire), United Kingdom), Alice Eminton, Onofrio Zanin, Wint W Wah, Jennifer Naftel, Laurie Lau, Rocio T Martinez-Nunez, Cornelia Blume, Hitasha Rupani

The circadian clock component PER2 deficiency aggravates airway epithelial airway remodeling through Wnt-β-catenin signaling pathway **PA4680**
Shuwen Zhang (Beijing, China), Jiangtao Lin

High-content morphological profiling reveals epithelial cell signatures associated with residential particulate matter exposure **PA4681**
Laila Truyen (Wilrijk, Belgium), Andi Alijagic, Roeland Samson, Oleksandr Kotlyar, Eva Särndahl, Benedicte De Winter, Thérèse Lapperre, Kevin Lamote

ROCK1-PAD axis drives airway epithelial dysfunction in relapsing polychondritis: a patient-derived 3D model study **PA4682**
Wei Gao (Shanghai, China), Muyun Wang, Xia Fang, Shaoyong Gao, Qiang Li

Morphometric Analysis of Airway Epithelium in Refractory Chronic Cough **PA4683**
Wafa Hassan (Hamilton, Canada), Yazan Al-Moghrabi, Elena Kum, Mustafaa Wahab, Sue Beaudin, Catie Stevens, Roma Sehmi, Paul O'Byrne, John McDonough, Jeremy Hirota, Imran Satia

Decoding alarmin-mediated regulatory networks in chronic lung disease **PA4684**
Sneha Pinto (Guildford, United Kingdom), Telma M Sancheira Freitas, Cecile Frampas, Yashwanth Subbannayya, Lindsay Broadbent

	Exploration of the respiratory ciliary proteome upon smoking exposure Amaury Bellone (Reims, France), Laure Petit, Nathalie Lalun, Myriam Polette, Gaetan Deslée, Valérian Dormoy	**PA4685**
	Human multicellular spheroids to regenerate the alveolar basement membrane for distal lung diseases modeling Gaëtan Roudier (Montreal, Canada), Iran A. N. Silva, Darcy E. Wagner	**PA4686**
	Benchmarking base editors versus CRISPR-Cas9 in hiPSCs: efficiency and specificity implications for lung disease modelling Sara Cuevas Ocaña (Cambridge, United Kingdom), Ana Lilia Serna Valverde, Liam A Reed, Magomet Aushev, Coline HM Van Moorsel, Nocholas RF Hannan	**PA4687**
	Evolution of the Innate Immunity of the Airway Epithelium from early Infancy to Old Age Jan Renziehausen (Berlin, Germany), Jennifer Loske, Marey Messingschlager, Anke Seegebarth, Christian Conrad, Johannes Liebig, Robert Lorenz Chua, Sven Laudi, Jobst Röhmel, Roland Eils, Simon Gräber, Saskia Trump, Marcus Mall, Irina Lehmann	**PA4688**
	Epigenetic regulation of airway epithelial cells by the P300/STAT6 Axis in asthmatic airway inflammation and its therapeutic intervention Wei Zhang (Shenzhen, China), Lifei Li, Chen Qiu, Fei Shi	**PA4689**
	Integrating Single-Cell RNA sequencing analysis to assess functional plasticity alterations of airway epithelial cells during sepsis Maha Zohra Ladjemi (Paris, France), Anastasia Azmoudeh, Benjamin Saint-Pierre, Frédéric Pène	**PA4690**
	Advanced 3d airway models for in vitro studies and drug delivery Aurelie Marches (Malmö, Sweden), Sara Gouarderes, Oskar Hallgren, Karin von Wachenfeldt, Anna-Karin Larsson-Callerfelt, Sabrina Valetti	**PA4691**
	Compromised airway epithelial repair in infancy is correlated to lung function outcomes in children born very preterm. Denby Evans (Perth, Australia), Rebecca Watkinson, Tiffany Bradshaw, Elizabeth Smith, Shannon Simpson	**PA4692**
	Investigating airway epithelial barrier function in children born preterm Rebecca L Watkinson (Nedlands, Australia), Denby J Evans, Sasha Arathoon, Shannon J Simpson	**PA4693**
	Delayed airway epithelial cell jamming in childhood wheeze Thomas Iosifidis (Perth (WA), Australia), Eirian Beswick, Chris Malajczuk, Rebecca Watkinson, Yaqin Alziyadat, Stephen Stick, Anthony Kicic, Ingrid Laing, Peter Le Souef, Yuliya Karpievitch	**PA4694**
	Inhaled microplastics modulate airway defence mechanisms in human nasal epithelium Veronika Rendlova (Bern, Switzerland), Martina Dzepic, Chloe Jeandupeux, Loretta Müller-Urech, Alke Fink, Fabian Blank, Thomas Geiser, Emilie Seydoux	**PA4695**
	Sex-dependent airway epithelial transcriptomic signatures in young adults with a history of bronchopulmonary dysplasia Nicole Wagner (Stockholm, Sweden), Martina Bonatti, Iryna Kolosenko, Petra Um-Bergström, Eva Berggren-Broström, Magnus Sköld, Åsa Wheelock	**PA4696**
	Toxicity and dosimetry of fabricated micro/nanoplastic particles and fibres for in vitro studies Eric Auyang (London, United Kingdom), Mengzheng Ouyang, Teresa D. Tetley, Timothy W. Gant, Stephanie Wright	**PA4697**
	House dust mite modulates airway epithelial cells to promote IL-33-induced activation of eosinophils Jenny Calvén (Gothenburg, Sweden), Hannes Ingelhag, Neeraj Patil, Carina Malmhäll, Madeleine Rådinger	**PA4698**

PS-11 Session 430 08:00 - 09:30

Poster session: Infection, host defence and immune imprinting in chronic and acute respiratory disease

Disease(s) : Airway diseases Interstitial lung diseases Respiratory critical care

Method(s) : Cell and molecular biology Respiratory intensive care Imaging General respiratory patient care Pulmonary function testing Physiology

Tag(s) : Clinical, Translational

Chairs : Niki Ubags (Epalinges, Switzerland), Peter Pennitz (Berlin, Germany), Raquel Guillamat Prats (Badalona, Spain)

Late Breaking Abstract - Spatial Transcriptomic Profiling Reveals Specific Molecular Signatures Across ARDS Subtypes Sabrina Batah (Toronto, Canada), Amin Ektesabi, Chirag Vaswani, Jacqueline Pavelick, Greaton Tan, Maria Carolina Barbosa-Silva, Michelle Allkanjari, Jim Tsoporis, Nikolaos Kavantzas, Andrea Rodríguez-Herrera, Alexandre Fabro, Claudia dos Santos	**PA4699**
Serum metabolic profiling and in-silico pathway analysis for the rapid differentiation of Acinetobacter baumannii and Pseudomonas aeruginosa in ventilator-associated pneumonia (VAP) Ajay Kumar Gautam (Varanasi, India), Nidhi Tiwari, Bikram Kumar Gupta, Rahul Yadav, Himanshu Bhushan, Chandan Singh	**PA4700**
Early-life susceptibility to Streptococcus pneumoniae is driven by Mincle+ MDSC–mediated immune suppression Wan-mei Song (Shanghai, China), Qinghong Meng, Yu Guo, Kaihu Yao, Yanan Li, Jieming Qu	**PA4701**
Relationships between neutrophil function, cilia function, and microbiome composition in bronchiectasis: results from the BRILLIANT study Emma Johnson (Dundee, United Kingdom), Thomas Pembridge, Erin Cant, Lucy Bidgood, Morven Shuttleworth, Hollian Richardson, Jamie Stobo, Holly Lind, Kateryna Viligorska, Emma Jackson, Emily Ward, Daniella Alferes De Lima Headley, Rebecca Hull, Eve McIntosh, Hannah Dickson, Isavella Petrou, Quingyou Du, Chandani Hennayake, David W Connell, Helen Liddicoat, Adam Platt, Maria Belvisi, Kristoffer Ostridge, Adnan Azim, Merete B Long, Amelia Shoemark, James D Chalmers	**PA4702**
Correlation of inflammatory markers and microbial diversity in paired BAL and sputum samples: Data from the BRILLIANT study Hannah Dickson (Dundee, United Kingdom), Daniela Alferes De Lima Headley, Hollian Richardson, Lucy Bidgood, Emma Johnson, Erin Cant, Thomas Pembridge, Eve McIntosh, Rachel Galloway, Isavella Petrou, Quingyou Du, Morven Shuttleworth, Chandani Hennayake, Holly Lind, Kateryna Viligorska, Emma Jackson, Emily Ward, Rebecca Hull, David W Connell, Helen Liddicoat, Adam Platt, Maria G Belvisi, Kristoffer Ostridge, Adnan Azim, Merete Long, Amelia Shoemark, James D Chalmers	**PA4703**
Dual Vulnerability and Resilience: The Role of Alveolar Type 2 Cells in Influenza Infection Hui Li (Beijing, China), Xiao Shang, Bin Cao	**PA4704**
Terminal fucosylation influences susceptibility to pneumococcal pneumonia Cengiz Goekeri (Berlin, Germany), Sebastian M.K. Schickinger, Alina Nettesheim, Kerstin A.K. Linke, Leon Salmon, Leila Bechtella, Gaël M. Vos, Elena Lopez-Rodriguez, Vladimir Gluhovic, Anne Voß, Sandra Kunder, Jade Bath, Katharina Ribbeck, Kevin Pagel, Achim D. Gruber, Matthias Ochs, Peter H. Seeberger, Capnetz CAPNETZ Study Group, Martin Witzenrath, Geraldine Nouailles	**PA4705**
Predominance of inflammatory monocyte subsets in the peripheral blood of patients with stable bronchiectasis Nikoleta Bizymi (Athens, Greece), Angelos-Panagiotis Bizymis, Andreas M. Matthaiou, Anastasia Apostolidou, Georgios Pitsidianakis, Maria Gangadi, Nikolaos Tzanakis, Ioannis Tomos, Adamantia Liapikou, Katerina M. Antoniou	**PA4707**
Glycocalyx Alterations Shape Lung Barrier Vulnerability in Pneumonia Geraldine Nouailles-Kursar (Berlin, Germany), Karen Hoffmann, Cengiz Goekeri, Niall Hardiman, Kerstin A.K. Linke, Ulrike Behrendt, Elena Lopez-Rodriguez, Christian Zobel, Sandra Kunder, Martin Witzenrath, Achim D. Gruber, Kevin Pagel	**PA4708**
Anergic CD8⁺ T cell phenotype characterizes post-COVID pulmonary sequelae. Irene Paggi (Siena, Italy), Laura Bergantini, Sara Gangi, Sofia Marrucci, Paolo Cameli, Elena Bargagli	**PA4709**
Acinetobacter baumannii bacteriophage-induced antimicrobial and lung cell-specific immune activation in murine precision-cut lung slices Rita Costa (Neuherberg, Germany), Luz Piedad Quebrada Palacio, Wanqi Huang, Sayed Abdullah, Mariam Gallali, Jasmin Aicher, Shkurte Smajli, Eda Gültekin, Jinling Xue, Mohammadali Khan Mirzaei, Li Deng	**PA4710**
External validation of ACCEPT (Acute COPD Exacerbation Prediction Tool) and predictive value of microbiome markers in the REDALERT study Adrian Endres (Frankfurt am Main, Germany), Lauren Reinders, Carla Bellinghausen, Martine Bos, Lauren Remijas, Philip Stegmaier, Paul Savelkoul, Dries Budding, Frits Franssen, Gernot Rohde	**PA4711**
T-cell immune activation in lungs of post-COVID infected patients with persistent respiratory symptoms Han-Chung Hu (Taoyuan, Taiwan), Kian Fan Chung, Chun-Hua Wang	**PA4712**
Cell-Free DNA Methylation Reveals Tissue-Specific Injury and Predicts Severity and Mortality in Severe Pneumonia Jian Zhou (Shanghai, China), Juan Li	**PA4713**

Explainable AI-driven Identification of Epigenetic Biomarkers for Early and Accurate Differentiation of Tuberculosis and Lung Cancer **PA4714**
Maria Lerm (Linköping, Sweden), Isabelle Ohrnberg, Nicholas Kiprotich, Hans Lundquist, David Martinez, Lovisa Ellinger, Shumaila Sayyab, Malgorzata Lysiak, Klara Hage Moussa, Ochiba Lukandu, Marina Labor, Lameck Diero, Jakob Paues, Ronald Tonui

IL-1β modulates inflammatory response of MSCs and neutrophil recruitment in vitro via NF-kB-associated signaling **PA4715**
Sara Rolandsson Enes (Lund, Sweden), Nour Hassaan, Tobias Schmidt, Zackarias Söderlund, Dimitrios Kalafatis, Lisa Påhlman, Stefan Scheding, Daniel J. Weiss, Robin Kahn

Study on the Microbiota Profile of Airway Injury Repair: Analysis Based on a Multicenter Airway Microbiome Cohort **PA4716**
Shuliang Guo (Chongqing, China), Xiaowen Shi, Yishi Li, Zhen Zou

Chronic rhinoviral infection affects markers of epithelial remodeling in bronchial ALI-cultures **PA4717**
Samuel Kullberg (Lund, Sweden), Mandy Menzel, Lena Uller

Late Breaking Abstract - QPCT/L Inhibition Improves Bleomycin-Induced Lung Fibrosis via Enhanced Efferocytosis but Shows a Bell-Shaped Dose Response with High-Dose IFN-γ/CD8+ T Cell Activation **PA4718**
Marc Kaestle (Biberach an der Riß, Germany), Jens Willwacher, Katja Baum-Kroker, Fidel Ramirez, Lukasz Boryn, Lempp Charlotte, Legairre Radden, Rocio-K. Perez, Shawn Anderson, Shalev Gihaz, Christian Seitz, Janine Beier, Karina Schlanser, Jessica Kunz, Timo Roßteuscher, Matthew J. Thomas

PS-12 Session 431 08:00 - 09:30

Poster session: Sleep apnoea and comorbidity

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Public health Epidemiology Physiology General respiratory patient care Imaging Cell and molecular biology Pulmonary function testing

Tag(s) : Clinical

Chairs : Christopher Turnbull (Oxford (Oxfordshire), United Kingdom), Natalia Kowalska (Kraków, Poland), Yuanming Luo (Guangzhou (Guangdong), China)

Late Breaking Abstract - Obstructive sleep apnea in patients with and without obesity – the ESADA experience **PA4719**
Jan A. Hedner (Göteborg, Sweden), Ludger Grote, Kevin Pollock, Eva Lau, Maria Guzman Castillo, Ulrika Hänninen, Aino Vesikansa

Global prevalence of metabolic syndrome in adults with obstructive sleep apnoea: A systematic review and meta-analysis **PA4720**
Suman Pant (Coventry, United Kingdom), Ioannis Kyrou, Lukasz Lagojda, Chris Kite, Alexander Dallaway, Ashesh Dhungana, Ali Asad, Raju Pangeni, Harpal S. Randeva, Om Kurmi

Effects of lemborexant on chronic insomnia management in patients with COPD **PA4722**
Sirapat Thanasapampai (Bangkok, Thailand)

Impact of the menopausal transition on objective sleep parameters: a level 1 polysomnography study **PA4723**
Ana Rita Pedroso (Braga, Portugal), Inês de Brito Gonçalves, Joana Vale Lages, Isabel Amorim, Marta Silva, Amara Pereira, Virgínia Jacob, Alberta Leão, Ana Luísa Vieira

Psychological and perceptual mechanisms underlying insomnia severity in adults with sleep-disordered breathing **PA4724**
Seda Karaca (Rize, Türkiye), Tuğçe Duman Özkan

Closing the sex gap in OSA screening: Oximetry-based indices outperform symptom-based scores in both women and men. **PA4725**
Matías Otto-Yáñez (Santiago De Chile, Chile), Diego Zúñiga, Claudia Valenzuela-Damilano, Rodrigo Torres-Castro

Development of a female-specific obstructive sleep apnoea (OSA) screening questionnaire **PA4726**
Alison Wimms (Sydney, Australia), Shuying Yu, Nina Wiklund, Daniela Gautschi, Jeff Armitstead

Assessment of obstructive sleep apnea syndrome in patients with COPD according to the GOLD ABE group model. **PA4727**
Nurbergen Kaiyrly (Astana, Kazakhstan), Svetlana Trofimova, Alexey Pak

Preoperative nocturnal hypoxemia and sleep-disordered breathing predicts postoperative ventricular ectopy in patients undergoing cardiac surgery - CONSIDER-AF Observation — **PA4728**
Christina Brandmeier (Regensburg, Germany), Sarah Driendl, Michael Wester, Fatma Bayram, Maximilian Trum, Philipp Hegner, Marcus Creutzenberg, Christof Schmid, Lars S. Maier, Simon Lebek, Stefan Wagner, Michael Arzt, Maria Tafelmeier

Polysomnographic phenotypes and respiratory complexity of sleep-disordered breathing in pediatric Prader-Willi Syndrome — **PA4729**
Bouchra Benzouid (Constantine, Algeria), Fouzia Abdelouahab, Mohamed kheireddine Bourahli, Mohamed Bougrida

Acute and deferred sleep assessment after stroke: a prospective comparative study — **PA4730**
María de la Fuente (Logroño, Spain), Maria de la Fuente Grijalvo, Maria Alejandra Arias Hualpa, Rufy Alejandro Suárez Pérez, Alejandra Roncero Lázaro, Marta Cristeto Porras, Maria Aguado Agudo, Mariola Bretón Ruiz, Maria Torres Muga, Maria Dolores Ramirez Martinez, Amaia Perez de Nanclares Saez de Jauregui, Claudia Saenz Peso, Paula Vicente Hernando, Denahi Portillo Caldera, Alba Velasco Moyano, Daniela Balleza Rios, Jorge Lázaro Galán, Laura Pérez Bozalongo, Carlos Ruiz Martinez

The role of polygraphy in hospitalized patients with respiratory failure and suspected obstructive sleep apnea — **PA4731**
Cansu Görkem Orhan (Ankara, Türkiye), Mükremin Er, Esra Betül Akkoç Tamer, H. Canan Hasanoglu

The Baveno classification in obese patients with sleep-disordered breathing and different stages of hypoventilation — **PA4732**
Dimitra Siopi (Thessaloniki, Greece), Georgios Babalis, Stavros Tryfon, Diamantis Chloros, Paschalis Steiropoulos

Prevalence and Clinical Associations of Sleep-Disordered Breathing in Hypertrophic Cardiomyopathy: A Meta-Analysis — **PA4733**
Nermen Abuelkassem (assiut, Egypt), Zeyad Bady, Ahmed Talkhan, Hatem Yaser, Ahmad Yadk, Muhammad M. Elsharkawy, Aliaë A R Mohamed-Hussein

Age-specific screening for sleep-disordered breathing in dental settings: integrating palatal morphometry and orofacial function assessment — **PA4734**
Dao Hoang (Hue, Vietnam), Tam Nguyen, Triin Jagomägi

Insomnia symptoms in children with sleep-disordered breathing: a scoping review — **PA4735**
Siyu Dai (Hangzhou, China), Sima Dastamooz, Xuhang Fan, Zhili Huang, Ngan Yin Chan, Albert Martin Li, Kate Ching Ching Chan

Association between heart failure phenotypes and the prevalence of sleep-disordered breathing and nocturnal hypoxaemia in patients with severe coronary artery disease — **PA4736**
Sarah Driendl (Regensburg, Germany), Lukas Müller, Michael Wester, Fatma Bayram, Jan Pec, Maximilian Trum, Philipp Hegner, Bernhard Flörchinger, Marcus Creutzenberg, Christof Schmid, Lars S. Maier, Simon Lebek, Stefan Wagner, Maria Tafelmeier, Michael Arzt

Association between habitual snoring and nasal IL-1β levels in children: overall and stratified by allergic rhinitis status — **PA4737**
Ming Yang (Hong Kong, China), Joseph Gar Shun Tsun, Kathy Yuen Yee Chan, Ebe Tsz Yau Jan, Chun Ting Au, Nobel Tsz Kin Yuen, Ting Ting Chen, Natalie Moon Wah Leung, Alice Kwai Yee Siu, Albert Martin Li, Kate Ching-ching Chan

PS-13 Session 432 08:00 - 09:30

Poster session: Sleep apnoea: the relevance of gender and organ system s

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology Physiology Public health General respiratory patient care

Tag(s) : Clinical

Chairs : Anna Titz (Zürich, Switzerland), Joerg Steier (London, United Kingdom), Canan Gunduz (İstanbul, Türkiye)

Overnight Vascular Stiffness From Pulse Wave Analysis Predicts Daytime Hypertension: Findings From the Population-Based SCAPIS Sleep Study — **PA4738**
Ludger Grote (Göteborg, Sweden), Christian Strassberger, Sven Svedmyr, Joel Bergqvist, Ding Zou, Jan Hedner

Pathophysiological Endotypes of Sleep Apnea in the Middle Aged Swedish Population: Insights From automated Air Flow and Pulse Wave Analysis — **PA4739**
Ludger Grote (Göteborg, Sweden), Christian Strassberger, Ding Zou, Kaj Stenlöf, Joel Bergqvist, Jan Hedner

Nonlinear association between obstructive sleep apnea and hypertension: The Xiangya Sleep Disordered Breathing Comorbidity Cohort study Yuan Zhang (Changsha, China), Mingran Zhang, Meng He, Si Wang, Jixing Yan, Minhan Yi	**PA4740**
High arousal threshold is associated with cardiovascular disease risk in patients with obstructive sleep apnea Teng Han (Beijing, China)	**PA4741**
Autonomic and vascular determinants of OSA-related cardiovascular risk markers Adrien Waeber (Lausanne, Switzerland), Geoffroy Solelhac, Grégory Heiniger, Théo Imler, Monica Betta, Giulio Bernardi, Andrea Faini, Paolo Castiglioni, Carolina Lombardi, Vincent Pichot, Ali Azarbarzin, Raphaël Heinzer	**PA4742**
Hypertension Risk Across Insomnia, OSA, and COMISA: Evidence from the TURKAPNE Registry Yüksel Peker (Istanbul, Türkiye), Aylin Pihtili, Esen Kiyan, Mehmet Sezai Tasbakan, Semih Arbatli, Senay Aydin, Aykut Cilli, Nese Dursunoglu, Burcu Baran, Özen K Basoglu, X TURKAPNE Study Group	**PA4743**
Exploring the prevalence of obstructive sleep apnoea in cirrhosis of liver in a middle-income Asian country - cross-sectional analysis of a retrospective data Debajyoti Bhattacharyya (New Delhi (Delhi), India), Arvind Tomar, Ankit Bhardwaj, Ashok Choudhury, Rakhi Maiwall, Manoj Kumar	**PA4744**
Association between anthropometric and metabolic improvements and obstructive sleep apnea remission in East Asian population: a post-hoc subgroup analysis of SURMOUNT-OSA Kevin Pollock (Indianapolis, United States), Yi Xiao, Xingchun Wang, Haoxin Zhuang, Yu Chen, Shaojun Dai	**PA4745**
Sex-Based Disparities in Obstructive Sleep Apnea-Hypopnea Syndrome: Clinical Phenotypes and Diagnostic Delays Sabrine Majdoub Fehri (Sfax, Tunisia), Souha Ben Salem, Khouloud Hamdi, Roua Ben Brahim, Hamida Kwas	**PA4746**
Characteristics and Evolution in Females with Obstructive Sleep Apnoea (OSA) in the European Sleep Apnoea Database (CRC ESADA) Izolde Bouloukaki (Heraklion (Crete), Greece), Athanasia Pataka, Maria R Bonsignore, Esther Schwarz, Walter T McNicholas, Carolina Lombardi, Ludger Grote, Sébastien Bailly, Mafalda van Zeller, Marta Drummond, Silke Ryan, Ozen K Basoglu, Ulla Anttalainen, Sophia Schiza	**PA4747**
CHARACTERISTICS OF PATIENTS WITH OBSTRUCTIVE SLEEP APNOEA REFERRED FROM UROLOGY FOR NOCTURIA Carla Nóvoa García (Madrid, Spain), Annette Zevallos Villegas, Giana Vargas Centanaro, Elizabeth Gonzalez Revilla, Miguel Ángel Salvador Maya	**PA4748**
Glucagon-like peptide-1 (GLP-1) receptor agonist treatment as obstructive sleep apnea management. Irene Almudena Tesán Aznar (zaragoza, Spain), Luisa Cabrera Pimentel, Cristina Gomez Gonzalez, Maria Senar Garcia, Maria Teresa Martin Carpi	**PA4749**
Evolution and Predictive Factors of Mild Obstructive Sleep Apnea (OSA) Improvement in the European Sleep Apnoea Database (ESADA) Izolde Bouloukaki (Heraklion (Crete), Greece), Marisa R Bonsignore, Paschalis Steiropoulos, Athanasia Pataka, Georgia Trakada, Gianfranco Parati, Sébastien Bailly, Walter T McNicholas, Jan Hedner, Sophia E. Schiza	**PA4750**
Pathophysiological endophenotypes of obstructive sleep apnea according to degree of obesity in Chilean women Mario Henriquez (Los Ángeles, Chile), Eduardo Cruces Andrews, Bastián Sobrevia Parra, Daniel Solomon, Joaquín Nieto-Pino, Eva Retamal Riquelme, César Maquilon Ortiz, Mónica Antolini, Gonzalo Labarca	**PA4751**
Validation and comparison of the General Practice Sleep Scale "GPSS" between women and men in predicting OSA Timothy Howarth (Darwin, Australia), Subash Heraganahally	**PA4752**

PS-14 Session 433 08:00 - 09:30

Poster session: Clinical complexity and treatment optimisation in airway diseases

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Cell and molecular biology Physiology Pulmonary function testing Pulmonary rehabilitation Epidemiology Public health

Tag(s) : Clinical, Translational

Chairs : Francesca Cefaloni (Rome, Italy), Sanjay Ramakrishnan (Perth, Australia), Lydia Finney (London, United Kingdom)

Late Breaking Abstract - GLP-1 Receptor Agonists Are Associated with Reduced Asthma Exacerbations Independently of Type 2 Inflammation Status: A Nationwide Self-Controlled Study Simon Høj (Copenhagen, Denmark), Kjell Erik Julius Håkansson, Peter Ascanius Jacobsen, Erik Sören Halvard Hansen, Rasmus Rørth, Nicklas Brustad, Charlotte Suppli Ulrik, Howraman Meteran	**PA4753**
Low concentrations of ensifentrine show superior anti-inflammatory activity to roflumilast in COPD airways Luigino Calzetta (Rome (RM), Italy), Tara Rheault, Paola Rogliani	**PA4755**
Impact of oral sildenafil on exercise capacity in mild-to-moderate chronic obstructive pulmonary disease: a randomized placebo-controlled cross-over trial Kostiantyn Dmytriiev (Edmonton, Canada), Andrew Brotto, Sophie Collins, Desi Fuhr, Miranda Kirby, Benjamin Smith, Sean van Diepen, Jason Weatherald, Michael Stickland	**PA4756**
Total serum IgE in severe adult-onset intrinsic asthma: relationship to eosinophil counts and anti-eosinophil treatment responses Marek Lommatzsch (Rostock, Germany), Jonathan Franz, Maria Linn Schnitzer, Sebastian Sander, Paul Stoll, J. Christian Virchow	**PA4757**
Asthma manifestation in the long-term post-COVID-19 period in patients without prior allergic predisposition Alina Babets (Dnipro, Ukraine), Tetyana Pertseva, Lyudmyla Konopkina, Olena Myronenko, Yuliia Huba, Olha Shchudro, Larysa Botvinikova	**PA4758**
Relationship between asthma control and psychosocial work constraints according to the Karasek model Rania Debbiche (tunis, Tunisia), Nidhal Belloumi, Chaïma Habouria, Marwa Bougacha, Azza Berkaoui, Yasmine Bellaj, Fatma Chermiti, Soraya Fenniche	**PA4759**
Protocolised COPD exacerbation care, including discharge bundles and real-world outcomes Shai Amor Moshe (Givat shmuel, Israel), Eviatar Naamany, Avishay Elis, Mordechai Reuven Kramer, Maayan Huberman Samuel, Yael Shostak, Osnat Sthraichman, Shai Moshe Amor	**PA4760**
Small airway dysfunction independently predicts exacerbations in mild, well-controlled asthma guanhua hou (, China), Li min Zhao	**PA4761**
Moderate-to-severe exacerbation risk among patients with COPD who had one recent exacerbation: a post-hoc analyses of the ETHOS and KRONOS studies Mehul Patel (Cambridge, United Kingdom), Fernando Martinez, Dave Singh, MeiLan K Han, Patrick Darken, Karin Bowen, Jonathan Marshall, Alec Mushunje, Sami Daoud	**PA4762**
Performance of multivariable risk prediction algorithms in predicting future COPD exacerbations: a population-based study Jeenat Mehareen (Vancouver, Canada), Laura Huey Mien Lim, Amin Adibi, Joseph Emil Amegadzie, Yuan Xia, Mary A De Vera, Michael Law, Don D. Sin, Surya P. Bhatt, Jennifer K Quint, Mohsen Sadatsafavi	**PA4763**
Addressing Unmet Needs in Severe Asthma: Real-World Five-Month Outcomes with Tezepelumab from the Greek ARTEMIS Study Kalliopi Domvri (Thessaloniki, Greece), Ioanna Tsiouprou, Ioanna Filippou, Aikaterini Antoniou, Argyrios Tzouvelekis, Eleftherios Zervas, Konstantinos Samitas, Evaggelia Fouka, Stylianos Loukidis, Konstantinos Bartziokas, Eleni Tzortzaki, Myrsini Melachrinidou, Miltiadis Markatos, Ourania Kotsiou, Petros Bakakos, Andrianna Papaioannou, Nikoletta Rovina, Georgios Krommidas, Stylianos Vittorakis, Paschalis Steiropoulos, Panos Stafylas, Konstantinos Porpodis	**PA4764**
The expanding health technology assessment decision landscape of respiratory biologics for asthma: An updated analysis of reimbursement decisions Saeed Noibi (Jeddah, Saudi Arabia), Kiera Heffernan, Anna Vichiendilokkul, Andrew M Platt	**PA4765**
Quality of life, dyspnea and safety with roflumilast in Greek patients with severe Chronic Obstructive Pulmonary Disease (COPD): "ARGO" real-life study in Greece. Vasiliki Paraskeva (Pikermi, Greece), Sophia Schiza, Efthymia Papadopoulou, Stavros Tryfon, Christoforos Efthymiou, Maria Bertoli, Polyanthi Papanastasiou, Alexandros Ginis, Konstantinos Kostikas	**PA4766**
Predictive biomarkers for triple therapy response in COPD: a randomised controlled trial Koichiro Takahashi (Saga, Japan), Tomotaka Kawayama, Ayako Takamori, Kazuhiro Yatera, Koichi Takagi, Yoichi Dotake, Takuya Samukawa, Keiko Kan-O, Toshihiro Shirai, Makoto Yoshida, Hiroki Tashiro, Kei Yamasaki, Hironobu Tsubouchi, Jun Iwakawa, Masaru Uchida, Shohei Takata, Yoshitsugu Nomoto, Tomoki Kimura, Masaki Okamoto, Tsunahiko Hirano, Hiroshi Iwamoto, Atsushi Kawaguchi, Hiromasa Inoue	**PA4767**

Achievability and durability of clinical remission with fluticasone furoate/umeclidinium/vilanterol in patients with asthma in the United States: A 24-month real-world analysis — **PA4768**
Stephen G Noorduyn (Mississauga, Canada), John J Oppenheimer, Alison C Moore, Louise Yu, Rose Chang, Mei Sheng Duh, Stuart Turner, Erika Penz

Phenotype patterns of non-canonical blood leukocyte populations in asthma: early impact by mepolizumab — **PA4769**
Jonas Erjefalt (Lund, Sweden), Ellen Tufvesson, Julia Mercier, Premkumar Siddhuraj, Cecilia Andersson, Alessandra Papitto, Jimmie Jönsson, Johan Ahlgren, Peter Howarth, Sandra Lindstedt, Caroline Sanden, David Aronsson, Leif Bjermer

In-clinic and at-home administration of injectable biologics for severe asthma and CRSwNP places a considerable time burden on patients and HCPs: Pooled results from a time and motion study — **PA4771**
Saeed Noibi (Jeddah, Saudi Arabia), Jacquelyne Brauneis, Julie Prock, Erwin De Cock

Clinical and inflammatory features of patients with dysfunctional breathing and vocal cord dysfunction during severe asthma attacks — **PA4772**
Adnane Alaoui Ismaili (Brossard, Canada), Carlos Celis-Preciado, Samuel Lemaire-Paquette, Philippe Lachapelle, Simon Couillard

PS-15 Session 434 08:00 - 09:30

Poster session: Remission and relapse in airway diseases with biologic therapies

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Pulmonary function testing Public health Cell and molecular biology

Tag(s) : Clinical, Translational , Digital health

Chairs : Dave Singh (Manchester, United Kingdom), Chin Kook Rhee (Seoul, Republic of Korea), Tetiana Harashchenko (Kyiv, Ukraine)

Late Breaking Abstract - Airway microbiome dysbiosis is a predictor of failure to achieve clinical remission following benralizumab therapy — **PA4773**
Peer Ameen Shah (Leicester, United Kingdom), Koirobi Haldar, Vijay Mistry, Jennifer Logan, Zhen Shun Ong, Kirsty Martin, Lynsey Gillespie, Alex Mcconnachie, Wai Ting Nicola Lee, Thomas Brown, Shoaib Faruqi, David J Jackson, Ramesh J Kurukulaaratchy, Adel H Mansur, Dinesh Saralaya, Stephen Fowler, Pujan Patel, James Brown, Jim Lordan, Salman Siddiqui, Spyridon Megremis, Sophie Harrison, Rhys Brown, Charlotte Nelson, Vanessa Brown, James D Chalmers, Ratko Djukanovic, Ian D Pavord, Liam Heaney, Sarah Diver, Rekha Chaudhuri, Christopher E Brightling

A decade of biologics for severe asthma: rising remission rates, improved lung function and declining maintenance oral corticosteroid use in recent initiators - a nationwide Danish study — **PA4774**
Kjell E J Håkansson (Copenhagen K, Denmark), Susanne Hansen, Marianne Baastrup Soendergaard, Asger Sverrild, Anna von Bülow, Ole Hilberg, Alexander Silberbrandt, Mogens Kappel, Sofie Johansson, Lycely Dongo, Roxana Vijdea, Linda Makowska Rasmussen, Johannes Martin Schmid, Charlotte Suppli Ulrik, Anne Sofie Bjerrum, Celeste Porsbjerg

Relapse among International Severe Asthma Registry patients in remission 12 months after initiating biologics — **PA4775**
Luis A Pérez De Llano (Lugo, Spain), William Oswald, Borja Cosio, Giuseppe Guida, Kjell Håkansson, Simon Couillard, Pujan Patel, Takashi Iwanaga, Flavia Hoyte, Carlos Torres-Duque, Ming-Ju Tsai, Hugo Azuara-Trujillo, Adeeb Bulkhi, Sverre Lehmann, Athena Gogali, Mariko Koh, Chin Kook Rhee, Njira Lugogo, Paulo Pitrez, Todor Popov, Patrick Mitchell, Mona Al-Ahmad, João Fonseca, Bassam Mahboub, Jorge Máspero, Florence Schleich, Alan Altraja, Sundeep Salvi, Richard Costello, Piotr Kuna, Ivan Cherrez-Ojeda, Lauri Lehtimäki, Arnaud Bourdin, Christian Taube, Veronika Müller, Dóra Lúdvíksdóttir, Stephen Tilley, Job van Boven, Trung Tran, Lakmini Bulathsinhala, John Busby, Ghislaine Scelo, Nikolaos Papadopoulos, David Price

Clinical remission on treatment with biologic therapies for severe asthma: a three-year real-life study. — **PA4776**
Marianna Padovani (Ravenna, Italy), Gianluca Danesi

Prospective evaluation of clinical and complete remission with tezepelumab: the TERESA study — **PA4777**
Keiko Kan-o (Tokyo, Japan), Hiroko Watanabe, Kenji Chibana, Maho Suzukawa, Akihiko Tanaka, Katsunori Masaki, Shin Ohta, Hiroki Kabata, Koichiro Asano, Reiko Ito, Hiromasa Inoue, Takako Nakano, Hideki Kanda, Takafumi Yamashita, Yasushi Obase, Konomi Kobayashi, Naoya Sugimoto, Yoko Ito, Hiroaki Ogata, Koichi Takagi, Isamu Okamoto

Type 2 biomarker stratification of clinical remission with tezepelumab: the TERESA study Keiko Kan-o (Tokyo, Japan), Hiroko Watanabe, Kenji Chibana, Maho Suzukawa, Akihiko Tanaka, Katsunori Masaki, Shin Ohta, Hiroki Kabata, Koichiro Asano, Reiko Ito, Hiromasa Inoue, Takako Nakano, Hideki Kanda, Takafumi Yamashita, Yasushi Obase, Konomi Kobayashi, Naoya Sugimoto, Yoko Ito, Hiroaki Ogata, Koichi Takagi, Isamu Okamoto	**PA4778**
Long-term Evaluation of Mepolizumab in Patients with Severe Eosinophilic Asthma: 5 year follow-up of the RELight study Evangelia Fouka (Athens, Greece), Maria Kallieri, Andriana I. I. Papaioannou, Eleftherios Zervas, Konstantinos Samitas, Konstantinos Porpodis, Marija Hadji Mitrova, Eleni Tzortzaki, Michael Makris, Maria Ntakoula, Panagiotis Lyberopoulos, Konstantinos Katsoulis, Maria Kipourou, Nikoletta Rovina, Nikolaos Tzanakis, Katerina Antoniou, Nikoleta Bizymi, Stylianos Vittorakis, Petros Bakakos, Paschalis Steiropoulos, Elena Charisiadou, Konstantina Chadia, Pantelis Avarlis, Miltiadis Markatos, Eleni Gaki, Konstantinos Kostikas, Constantinos Glynos, Stelios Loukides	**PA4779**
Remission with Benralizumab in Severe Asthma: Real-World Evidence from the French claims database (BENEFIT Study) Arnaud Bourdin (Montpellier, France), Diana Ayinde, Mandy NIZARD, Delphine Leynaud, Erika Guyot, Nadège Bornier, Manon Belhassen, Gilles Devouassoux	**PA4780**
Real life effects of dupilumab dosing interval prolongation in super-responders with severe asthma Robert Greig (Dundee, United Kingdom), Philipp Suter, Arlene Shaw, Rory Chan, Brian Lipworth	**PA4781**
Disease stability at 52 weeks with tezepelumab in patients with moderate to very severe COPD: results from the phase 2a COURSE study Dave Singh (Manchester, United Kingdom), Christopher E Brightling, Klaus F. Rabe, MeiLan K. Han, Paola Scrigner, Lee Baylis, Tim Harrison, Sandhia S. Ponnarambil	**PA4782**
Clinical remission in severe asthma after 12 months of biologic therapy: a real-life cohort study Michele Ciresi (TREVISO, Italy), Matteo Bonato, Micaela Romagnoli, Francesca Savoia, Elisabetta Favero, Gianenrico Senna	**PA4783**
Inhaled therapy step-down in patients with severe asthma achieving clinical remission on biological treatment: a prospective cohort study Ilaria Cavallotti (Milano, Italy), Valentina Piccinelli, Marina Saad, Giada Lazzaroni, Juan Camilo Signorello, Giacobbe Marco Giuseppe Ricco, Cinzia Cimone, Dejan Radovanovic, Pierachille Santus	**PA4784**
Clinical biomarker and response trajectories in severe asthma on biologic therapies: the Precision Medicine Intervention in Severe Asthma (PRISM) cohort Khezia Asamoah (London, United Kingdom), Freda Yang, Katie Raby, Piers Dixey, Nazanin Zounemat Kermani, Hisham Abubakar-Waziri, Dominic Shaw, Matthew Martin, Ameen Shah, Chris Brightling, Ian Adock, Dragana Vuckovic, Marc Chadeau-Hyam, Pankaj Bhavsar, TaeBum Kim, Kian Fan Chung	**PA4785**
Beyond Biologics: Background Inhaled Therapy Shapes Remission in Severe Asthma Santina Ferrulli (Bari, Italy), Vitaliano Nicola Quaranta, Francesca Montagnolo, Marta Tornesello, Maria Granito, Gennaro Rociola, Leonardo Maselli, Cristina Derobertis, Giuseppe Di Gioia, Maria Anna Ardito, Cristian Locorotondo, Ruben Infantino, Marco Patruno, Alessio Marinelli, Giulia Amoroso, Andrea Portacci, Silvano Dragonieri, Giovanna Elisiana Carpagnano	**PA4786**
One year is not enough: distinctive features of non-remitters in severe asthma treated with biologics Valeria Brichetti (Capital Federal, Argentina), Maria Eugenia Franchi, Fernando Saldarini, Laura Orazi, Mónica Grilli, María Cecilia Cavallo, Betiana Pereyra, Sofía Porta, Gastón Capodarco, Teresita Rosenbaum, Alvaro Teijeiro, Maximiliano Romanczuk, Sebastián Gando, Sebastián Ferreiro, Silvana Guendulain, Carla Rirchie, Ricardo Zwiener, Alejandro Videla, Carlos Oliva, Nicolás Castiglioni	**PA4787**
Clinical and biological remission with anti-IL-4R therapy: the real-world response in asthma YITING LUO (GUANGZHOU, China), Xiaoying Chen, Rui Feng, Jiayi Chen, Xu Shi, Zheng Zhu, Mo Xian, Wanjun Wang, Chen Zhan, Jing Li, Ruchong Chen	**PA4788**
Anti-IL-5 therapy in severe eosinophilic asthma: discordance between clinical and biological remission in a real-world cohort Jiayi Chen (GuangZhou, China), Xiaoying Chen, Yiting Luo, Rui Feng, Xu Shi, Zheng Zhu, Mo Xian, Wanjun Wang, Chen Zhan, Jing Li, Ruchong Chen	**PA4789**
Twice-yearly depemokimab maintains exacerbation reduction and clinical remission over 2 years in patients with asthma, regardless of baseline asthma duration: SWIFT/AGILE integrated analysis Monica Kraft (New York, United States), Nizar Jarjour, Roland Buhl, Claire Tacon, David Muccino, Chang-Qing Zhu, David J Jackson	**PA4790**

Twice-yearly depemokimab maintains clinically meaningful response over 2 years in patients with asthma and comorbid chronic rhinosinusitis with nasal polyps: Responder analysis of the integrated SWIFT/AGILE studies **PA4791**
Enrico Marco Heffler (Milano, Italy), Anju Peters, Santiago Quirce, Anna Vichiendilokkul, Sarah West, Chang-Qing Zhu, Andrew Platt, David J Jackson

Clinical remission during biologic treatment in patients with severe asthma **PA4792**
Patrycja Kowalczyk (Warsaw, Poland), Patrycja Roguska, Zuzia Katulska, Aleksandra Nowińska, Konstancja Szymańska, Antonina Macała, Julia Domańska, Natalia Nowakowska, Marta Naszczyńska, Ewa Le, Joanna Hermanowicz-Salomon, Katarzyna Białek-Gosk, Marta Dąbrowska

PS-16 Session 435 08:00 - 09:30

Poster session: Airway disease exacerbations: from mechanisms to management

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Epidemiology General respiratory patient care Public health Respiratory intensive care Cell and molecular biology Physiology Pulmonary rehabilitation

Tag(s) : Basic science, Clinical, Translational

Chairs : Jinping Zheng (Guangzhou (Guangdong), China), Martina Zappa (Tradate, Italy), Hnin Aung (Leicester, United Kingdom)

Late Breaking Abstract - SOLAIRIA-1 and SOLAIRIA-2: Two Phase 3, global, randomized, double -blind, placebo-controlled studies of GB-0895, a next-generation long-lasting anti-TSLP antibody, in adults and adolescents with severe uncontrolled asthma **PA4793**
Kapil Mayawala (Secaucus, United States), Vaishali Mankad, Wade Lovelace, Kelley Snogres, Romana Hossain, Lovely Goyal, Laurie Lee

Prognostic Value of the Eosinophil-to-Neutrophil Ratio in Patients Hospitalized for Acute Exacerbation of COPD **PA4794**
Hong-Joon Shin (Gwangju, Republic of Korea), Bo-Gun Kho, Yong-Soo Kwon

Impact of a re-engineered nurse-led discharge programme (RED-COPD) and checklist on 30-day readmissions in chronic obstructive pulmonary disease: A single-centre observational study **PA4795**
Chee Kuan Wong (Kuala Lumpur (Wilayah Persekutuan), Malaysia), Nicholas Jian Shen Ng, Shu Qing Sim, Chiong Kian Tiong, Jonathan Jian Yao Ng, Jun Xuan Lee, Felicia En Minn Koh, Mifzal Al Khair Musab Al Khair, Yew Jia Lee, Shi Jie Tan

Prognostic impact of single moderate exacerbation in COPD patients: Analysis of 12-year mortality and future exacerbation risk **PA4796**
Joon Young Choi (Seoul, Republic of Korea), Hyun Wook Jang, Ju Sang Kim, Hyoung Kyu Yoon, Ji-Yong Moon, Jong Geol Jang, Chang Youl Lee, Tae-Hyung Kim, Yong-Il Hwang, Yong Bum Park, Kwang Ha Yoo, Chin Kook Rhee

Comparison of different antibiotics on outcomes in hospitalized patients with COPD exacerbations **PA4797**
Noa Hallak-Gropp (tel aviv, Israel), Nimrod Urtreger, Ophir Freund, Ariel Melloul, Doron Cohn Shwartz, Aviv Kupershmidt, Sharon Enghelberg, Amir Bar-Shai

Impact of guideline-directed medical therapy during hospitalised COPD exacerbations on in-hospital mortality in patients with concomitant COPD and heart failure: a nationwide cohort study. **PA4798**
Lies Lahousse (Ghent, Belgium), Frauke Van Vaerenbergh, Maxim Grymonprez, Nathaniel M Hawkins, Leonardo Fabbri, Delphine Vauterin

Potential impact of Dupilumab in patients admitted to hospital with a COPD exacerbation **PA4799**
Qutaiba Shudayfat (Liverpool, United Kingdom), Rachel Burton, Megan Clark, Fred Flyes, Isabelle Makin, Chloe Vickers, Varthini Karvannan, Aaya Talaq, Hani Essa, Akpet Okimonye, Maria Puthoor, Hassan Burhan

Factors associated with prolonged hospital stay in severe bronchiectasis exacerbations: a retrospective single-centre study **PA4800**
Paolo Cosseta Reposi (Pavia, Italy), Elisabetta Gallo, Francesco Rocco Bertuccio, Lorenzo Arlando, Lucrezia Pisanu, Maria Armnio, Valentina Conio, Angelo Guido Corsico, Giulia Maria Stella

Pulmonary rehabilitation in COPD patients with severe exacerbations: access and impact **PA4801**
Natalina Nunes Varandas (Porto, Portugal), Diana Moreira-Sousa, Beatriz Martins, Josué Pinto, Isabel Gomes

Treatment failure following an eosinophilic exacerbation treated with Benralizumab or Prednisolone: ABRA data **PA4802**
Nicola Smallcombe (London, United Kingdom), Elif Dogu, Minghua Zheng, Sanjay Ramakrishnan, Steven Cass, Jonathan Baker, Richard EK Russell, Mona Bafadhel

Eosinophil Trajectories During Acute Exacerbations Treated with Prednisolone or Benralizumab: Insights from the ABRA Trial — **PA4803**
Nicola Smallcombe (London, United Kingdom), Elif Dogu, Minghua Zheng, Sanjay Ramakrishnan, Steven Cass, Richard EK Russell, Mona Bafadhel

Effectiveness of Proactive Screening and Targeted Interventions in Patients at High Risk of 30-day Readmission Following An Index Asthma Admission — **PA4804**
Pee Hwee Pang (Singapore, Singapore), Shu Yi Lee, Tingfeng Lee, Ming Ming Yu, Lathy Prabhakaran, Chee Yen Goh, Anna Ee Lim Lau, Lian Kiat Lim, Esther Pee Hwee Pang

Admission CRP and eosinophil levels with functional status modify response to mepolizumab initiated at hospitalisation for exacerbation of eosinophilic COPD — **PA4805**
Cara A Flynn (Edinburgh, United Kingdom), Hamish JC McAuley, Omer Elneima, Adam KA Wright, Matthew Richardson, Chris E Brightling, Neil Greening

Moderate and severe COPD exacerbations lead to sustained impairment in health-related quality of life — **PA4806**
Steven Gould (London, United Kingdom), Shibing Yang, Johan Dalén, Olivia Hughes, Alan Martin, Timothy Baker, Dhvani Shah

Clustering analysis of comorbidities in AECOPD reveals distinct phenotypes that guide critical therapeutic decisions: steroid risk versus antibiotic benefit — **PA4807**
Ziyi Liu (Changsha, China), Huiru Zheng, Yifan Liu, Qixuan Huang, Naishu Xie, Zihang Zeng, Yiming Ma, Yuewen Jiang, Yong Zhou, Lijun Liu, Huihui Zeng, Yan Chen

The most common pathogens in COPD exacerbations and their antibiotic resistance — **PA4808**
Ekaterina Faermark (Ulaanbaatar, Mongolia), Tilyekbyergyen Bauyrjan, Densenbal Dansran, Jargaltulga Ulziijargal, Ichinnorov Dashtseren

Palmitic acid–loaded liposomes restore IFITM3 expression and mitigates inflammation in influenza-exacerbated COPD — **PA4809**
Yun Feng (ShangHai, China), Xiaoyan Hu

Using fractional exhaled nitric oxide (FeNO) to guide oral corticosteroid (OCS) use during asthma exacerbations in patients on anti-IL5/5R biologics. — **PA4810**
Moona Farzana Razzaque (Southampton, United Kingdom), Chellen Eames, Khaled Malkawi, Sumita Kerley, Ma Pantaleon, Eleanor Rayala-Montaniel, Ciara Whitfield, Jodi Mccreery, Peter Cook, Hans Michael Haitchi, Ramesh Kurukulaaratchy, Anna Freeman, Paddy Dennison, Hitasha Rupani

Can fractional exhaled nitric oxide (FeNO) be used to guide oral corticosteroid (OCS) use for asthma exacerbations — **PA4811**
Khaled Malkawi (Southampton, United Kingdom), Chellan Eames, Moona Razzaque, Sumita Kerley, Ma Pantaleon, Eleanor Rayala-Montaniel, Ciara Whitfield, Jodi Mccreery, Peter Cook, Hans Michael Haitchi, Ramesh Kurukulaaratchy, Anna Freeman, Paddy Dennison, Hitasha Rupani

Late Breaking Abstract - Real-World Effectiveness of Dupilumab in COPD: A German Multicenter Analysis — **PA4812**
Mustafa Abdo (Kiel, Germany), Dirk Skowasch, Tim Greulich, Nora Drick, Marek Lommatzsch, Ralf-Harto Hübner, Frederik Trinkmann, Katrin Milger, Jessica Rademacher, Konstantina Kontogianni, Maria Aetou, Michael Dreher, Peter Alter, Eva Pappe, Leonie Biener, Sebastian Sander, Jan Heyckendorf, Kathrin Kahnert, Jeremias Götschke, Claus Neurohr, Daiana Stolz, Vera Veith, Henrik Watz, Benjamin Waschki, Pontus Mertsch

PS-17 Session 436 08:00 - 09:30

Poster session: Beyond FEV1: capturing airway dysfunction using more sensitive methods

Disease(s) : Airway diseases, Interstitial lung diseases

Method(s) : Pulmonary function testing, Physiology, Epidemiology, General respiratory patient care, Imaging, Public health

Tag(s) : Basic science, Clinical, Translational , Digital health

Chairs : Frederik Trinkmann (Heidelberg, Germany), Dóra Paróczai (Deszk, Hungary), Fabio L. M. Ricciardolo (Torino, Italy)

Late Breaking Abstract - Blood eosinophils, but not FeNO, track longitudinal changes in small-airway physiology in asthma — **PA4813**
Emi Fukasawa (Shizuoka, Japan), Toshihiro Shirai, Keita Hirai, Taisuke Akamatsu

Blocking the IL4/IL-13 pathway improves airway resistance in severe asthma in real-life — **PA4814**
Pierre Gris (Wavre, Belgium), Catherine Moermans, Alexandre Berger, Mare Sabbe, Françoise Guissard, Renaud Louis, Florence Schleich

Expiratory time constants to separate asthma-like and COPD-like phenotype in asthma-COPD overlap Filip Depta (Košice, Slovakia), Vratislav Sedlák, Vladimír Koblížek, Radek Černý, Simona Bodnárová, Pavol Pobeha	**PA4815**
Quantitative CT-Derived Airway Metrics Combined with Eosinophils for Early Identification of Mild-to-Moderate Asthma Min Zhang (Shanghai, China), Qi Zheng, Yuning Huang, Ning Wang, Hang Su, Yilin Pan, Yingying Zhang, Xue Tian, Xue Zhang, Chengjian Lv, Yuchen Lin, Yajun Song, Wuping Bao, Yan Zhou	**PA4816**
Assessment of Small Airway Dysfunction in Patients Diagnosed with Rhinitis and Sinusitis according to Delphi consensus Andreas Hoheisel (Freiburg, Germany), Ivan Cherrez-Ojeda, Fabrizzio Cardenas-Ponce, Karla Robles-Velasco, Juan Sagñay-Pinilla, Carolina Crespo-Shijin, Miguel Felix, Juan Carlos Calderon	**PA4817**
Body Composition Defines Distinct PRISm Phenotypes with Divergent Clinical Outcomes Shangwen He (Guangzhou, China), Lu Yuan, Hailing Zhang, Yunna Zheng, Jia-Run Lin, Xuanchen Zhu, Jihong Huang, Junxin Wu, Hong Wu, Junyi Lu, Dong Yu, Wenqi Huang, Jian Guan, Yongzhong Zhan, Zhong-Kai Cui, Laiyu Liu	**PA4818**
Clinical Characteristics and Longitudinal FEV_1 changes in PRISm and Airflow Limitation identified in Health Check-up data Ayako Kojima (Tokyo, Japan), Takanori Numata, Kyoko Ito, Tomofumi Atarashi, Jun Araya	**PA4819**
Phenotyping of PRISm Spirometries Using Mixed Unsupervised Learning RAFAEL ORTIZ (GIRONA, Spain), Leslie Katherine Vargas-Ramírez, Diana Jimena Cano, Fabio Bolívar, Angélica Carreño, Sandra Juliana Rueda-Velásquez, Rafael Ortiz-Martínez	**PA4820**
The relationship between gas transfer and the diagnosis and severity of airflow obstruction in COPD: A systematic review Mohammed Alshahrani (Birmingham, United Kingdom), Abdulrahman Alshehri, Elizabeth Sapey, Robert Stockley	**PA4821**
Restriction or pseudorestriction? Static lung volumes as prognostic factors in Preserved Ratio Impaired Spirometry (PRISm) - Observational analysis of the Basel Study on COPD and PRISm (BASCOP) cohort Andreas Hoheisel (Freiburg, Germany), Ellen Metcalfe, Leticia Grize, Eleni Papakonstantinou, Anna Salina, Maria Pascarella, Björn Christian Frye, Sebastian Fähndrich, Daiana Stolz	**PA4822**
Characterisation of bronchodilator response and persistent airflow limitation by respiratory oscillometry. Irene Pomero (Torino, Italy), Vitina Carriero, Stefano Levra, Francesca Bertolini, Elisa Arrigo, Chiara Francesca Carraro, Fabio Luigi Massimo Ricciardolo, Giuseppe Guida	**PA4823**
Bronchodilator Responsiveness of Lung Oscillometry Parameters in Indian Children with Asthma: A Multicentre Study Deesha Ghorpade (Pune (Maharashtra), India), Sujata Chauthmal, Rashmi Kapoor, Nk Kalappanavar, Barnali Bhattacharya, Mitesh Kakkad, Harshvardhan Vhora, Lokeshwari Balleda, Arti Shah, Anshum Aneja Arora, Suhas Bardapurkar, Indranil Halder, Ashish Prakash, Raja Dhar, Sonam Solanki, Sapna Madas, Ruby Swami, Samruddhi Bhalare, Sharika Karanjkar, Nikita Nawale, Sanskruti Kale, Asmita Gaikwad, Abhishek Sable, Shivansh Supekar, Amit Karad, Sundeep Salvi	**PA4824**
Prevalence and clinical characteristics of impulse oscillometry–defined small airway dysfunction in bronchiectasis Chia-Lin Yang (Douliu, Taiwan), Yen-Fu Chen, Ying-Yin Chen, Jung-Yien Chien, Hao-Chien Wang, Chong-Jen Yu	**PA4825**
Bronchodilator responsiveness with oscillometry in COPD patients and correlation with clinical outcomes Kalliopi Theoni Vandorou (Athens, Greece), Pavlos Siozos, Vasiliki Athanasopoulou, Ilektra Voulgareli, Iraklis Tsagkaris, Omar S. Usmani, Stylianos Loukides, Dimitrios Toumpanakis	**PA4826**
Clinical relevance of impulse oscillometry in patients with COPD. Guillermo Ansede Bordonaba (Madrid, Spain), Angel Luis Martin Fito, Jaime Palacios Avello, Zuriñe González Parra, Isabel Calonge Garcia, Alberto Amoros Forner, El Abbes Riffai, Lena Baeza Gerhart, Patricia Pérez González, Ana Arcos García, Julio Ancoches Bermúdez, Tamara Alonso Pérez, Celeste Marcos, Elena Garcia Castillo	**PA4827**
Evaluating the Clinical Efficacy of Impulse Oscillometry for the Detection of Small Airway Impairment within the Interstitial Lung Disease Population. Yi-Chun Hsiao (Taichung, Taiwan), Pin-Kuei Fu	**PA4828**

Impact of pulmonary function testing on Bronchiolitis Obliterans syndome and outcome after hematopoietic stem cell transplant — PA4829
Antonia Ricchiuto (Tricase, Italy), Eleonora Prete, Francesco Aji, Rosa De Francesco, Loredana Panico, Vincenzo Pavone, Paquale Barone, Anna Mele

STAR Staging for Chronic Obstructive Pulmonary Disease is More Dynamic than GOLD — PA4830
Surya Bhatt (Birmingham, United States), Sandeep Bodduluri, Frank Sciurba, Matthew Strand, Spyridon Fortis, Edwin Silverman, Arie Nakhmani

Lung mechanics in PRISm patients measured by a novel spirometry parameter — PA4831
James Dean (Manchester, United Kingdom), Alice Scussel, Stephen Fowler, Danilo Cortozi Berton, Dave Singh

Overhead clap test for functional exercise capacity assessment in interstitial lung disease: a cross-sectional study — PA4832
Naveen Dutt (Jodhpur (Rajasthan), India), Anju James, Abhishek Tandon, Karan Kalra, Nishant Kumar Chauhan, Gopal Durgeshwar, Hariharan Iyer

PS-18 Session 437 08:00 - 09:30

Poster session: Symptoms, perception and patient-reported outcomes in airway disease

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : General respiratory patient care Physiology Pulmonary function testing Pulmonary rehabilitation Epidemiology Public health Imaging

Tag(s) : Clinical, Digital health

Chairs : Stefania Principe (Amsterdam, Netherlands), Anna Freeman (Southampton, United Kingdom)

Late Breaking Abstract - Depemokimab provides early and sustained improvement in loss of smell in chronic rhinosinusitis with nasal polyps (CRSwNP) patients meeting POLINA 2.0 criteria: subanalysis of the randomized phase 3 ANCHOR-1/2 trials — PA4833
Joaquim Mullol Miret (Barcelona, Catalonia, Spain), José Miguel Villacampa-Aubá, Rafael Fernández-Liesa, Isam Alobid, Covadonga Lopez, Pablo Moreno, Gemma Oliveras, Javier Varas, Christof B Wyss, Lee Tombs, Alfonso Del Cuvillo

Small Airways Dysfunction and Respiratory Symptoms in a General Population — PA4834
Hazim Abozid (Vienna, Austria), Ahmad Karimi, Marie-Kathrin Breyer, David Kaminksy, Charles G. Irvin, Emiel FM Wouters, Robab Breyer-Kohansal

Health-related quality of life and anxiety symptoms in COPD patients stratified by GOLD groups — PA4835
Nataliia Sanina (Dnipro, Ukraine), Tetyana Pertseva, Tamara Turlyun

CAT- and SGRQ-defined chronic bronchitis best identify elevated sputum MUC5AC in young smokers: The BEACON Study — PA4836
Oliver Ward Meldrum (Singapore, Singapore), Aaron Braddy-Green, Apolline Marion, Luana Alves-Moreia, Fransiskus Ivan, Tavleen Jaggi, Augusta Beech, Charlotte Bolton, Gourab Choudhury, Lorcan McGarvey, Dave Singh, Tom Wilkinson, Andrew Ritchie, Mirco Govoni, Lineu Baldissera, Paul Jones, Hanna Mullerova, Kristoffer Ostridge, Julie Yates, Jørgen Vestbo, Peter Calverley, Eric Hoffman, Sanjay Chotirmall, Jadwiga Wedzicha, James Allinson

Temporal Validation of COPD Exacerbation Risk Prediction Using Routinely Collected Healthcare Data — PA4837
Arif Budiarto (Edinburgh, United Kingdom), Claire Yerramasu, Jack Farquhar, Timothy Walsh, Syed Ahmar Shah, Gourab Choudhury

Clinical Risk Prediction Model Targeting Severe Exacerbations in COPD and Asthma Patients — PA4838
Peihong Guo (Singapore, Singapore), Adam Shunhao Loh, Weihang He, John Abishgenadan, Wenjia Chen, Sanjay H. Chotirmall, Angela Chow, Kelvin Bryan Tan, Jue Tao Lim

Beyond cough frequency: objective cough characteristics and cough-related quality of life in people with chronic cough and chronic respiratory disease — PA4839
Ana Sofia Grave (Aveiro, Portugal), Diogo Tecelão, M. Aurora Mendes, Vânia Fernamdes, Nuno Neuparth, David Araújo, Pedro Ferreira, João Carlos Winck, Alda Marques, Ana Oliveira

Cough sensations and triggers changes with standard care, using ToPiC score vs other cough measures — PA4840
Paul Marsden (Manchester (Greater Manchester), United Kingdom), Dina Alkaraki, Shannon Galgani, Jenny King, James Wingfield Digby, Joanne Mitchell, Kimberley Holt, Rachel Dockry, Lisa Gallagher, Kathryn Prior, Sean Parker, Jaclyn Smith

Phenotypes of Chronic Cough in Portugal: A Latent Class Analysis of Healthcare Engagement, Behavioral Risk, and Allergic Sensitization — **PA4841**
Isabel Paulo Gonçalves De Almeida (Lisboa, Portugal), Ana Rita Henriques, Iolanda Caires, Ricardo Afonso, Pedro Martins, Nuno Neuparth

Is symptom control a reliable indicator of respiratory function? — **PA4842**
Ibtihel Khouaja (Tunis, Tunisia), Chaima Turki, Houda Rouis, Syrine Abdellatif, Amel Khattab, Ines Zendah, Sonia Maalej

The Relationship Between Fatigue Level Determined by the COPD-Asthma Fatigue Scale and Disease Severity in Individuals with Obstructive Lung Disease — **PA4843**
Sümeyra Altan Çotur (Ankara, Türkiye), Emine Bahar Kurt

Effects of home-based pulmonary rehabilitation on walking, anxiety and sleep in patients with chronic obstructive pulmonary disease: A randomized controlled trial — **PA4844**
Neriman Yükseltürk Şimşek (Ankara, Türkiye), Sabahat Coşkun, Yakup Arslan

Diagnostic pathways and underlying inflammatory phenotype in patients referred to a severe asthma service — **PA4845**
Helen O'Brien (Dublin, Ireland), Daire Lynch, Marcus W Butler, Eleanor Dunican, Alessandro N Franciosi

Clinical characterisation of severe asthma patients that required change of biologic treatment within a UK district general hospital — **PA4846**
Avisha Thiruchelvam (Stevenage, United Kingdom), Sithu Bala, Ashnish Sinha, Angela Blundell, Uruj Hoda

Altered brain structural connectivity in patients with severe eosinophilic asthma: baseline data from the CONTENTed study — **PA4847**
George W Nava (Bristol, United Kingdom), Mariana da Silva, Victoria Cobham, Caitlin Morgan, Jack Grenville, Rahul Shrimanker, Ben Ainsworth, Paul White, Paul W Jones, Thomas Richard Barrick, James W Dodd

Evaluation of the Cough Hypersensitivity Questionnaire with Likert scale responses — **PA4848**
Ewan C Mackay (London, United Kingdom), Katherine L Rhatigan, Barnaby Hirons, Richard D Turner, Caroline J Jolley, Katherine J Myall, Woo-Jung Song, Peter S P Cho, Surinder S Birring

Impact of non-patient coughs on the reliability of cough monitoring — **PA4849**
Pedro Carreiro Martins (Lisboa, Portugal), Paula Leiria Pinto, Raquel Lopes de Bragança, Ana Sofia Grave, José Boléo-Tomé, David Araújo, Pedro Gonçalo Ferreira, Daniela Rodrigues, João Carlos Winck, Nuno Manuel Barreiros Neuparth

Opportunities to optimise the management of allergic rhinitis using the Respiratory Allergy Optimiser: results of the AERO study — **PA4850**
Janwillem W. H. Kocks (Groningen, Netherlands), Iris van Geer, Dermot Ryan, Chantal Arling, Stephanie Dramburg, Evelien Harms, Hugo Hernandez, Yvette Jansen, Miloš Jeseňák, Jiska Meijer, Jill Stuifzand, Juan Trujillo Wurttele, Marika Leving

Organisational responses to asthma Prevention of Future Deaths reports in England and Wales. — **PA4851**
Elspeth Carruthers (London, United Kingdom), Emma Johnson, Harriet Owles, Carl Reynolds

Clinical Impact of Type 2 Inflammation as a Distinct Phenotype in COPD — **PA4852**
Burak Kagan Elçi (Ankara, Türkiye), Gamze Göktas, Aytekin İdikut, Oğuz Karcıoğlu, Ali Fuat Kalyoncu, Ebru Damadoğlu

PS-19 Session 438 08:00 - 09:30

Poster session: Treating COPD: what works for whom?

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health Pulmonary function testing Epidemiology Physiology Palliative care Pulmonary rehabilitation Imaging

Tag(s) : Clinical

Chairs : Antonio Spanevello (Milano, Italy), Silvano Dragonieri (Bari (BA), Italy), Renaud Louis (Liège, Belgium)

Late Breaking Abstract - A Randomized, Open-Label, Active-Controlled Phase I Study of Inhaled Dual PDE3/4 Inhibitor TQC3721 Dry Powder Combined with Glycopyrronium Bromide in Patients with COPD — **PA4853**
ZHU LUO (Chengdu, China), Lixiu He, Ling Yang, Weiguo Li, Yang Yu, Ding Yu, Fengming Luo

The usefulness of e-stethoscope in outpatient care of patients with COPD – 6 months, randomised study. — **PA4854**
Marcin Bukowczan (Nowy Targ, Poland), Jerzy Soja

Examining item reduction and development of a Short-Form COPD Assessment Test (SF-CAT) Lukas Fischer (Bergen, Norway), Bente Frisk, Bjarte Kjell Nore, Kjell Yngvard Garatun-Tjeldstø, Bernt Bøgvald Aarli	**PA4855**
Bridging acute to community care: Australian implementation of a COPD discharge care bundle and its effect on readmissions Xin Yue Guo (Randwick, Australia), Alice Flanagan, Peter Beshara, Emily MacKinlay, Paul Lilburn	**PA4856**
Real-world retrospective cohort study of patients with AECOPD comparing inpatient and virtual ward care pathways Bushra AlEnazi (Birmingham, United Kingdom), Suzy Gallier, Catherine Atkin, Elizabeth Sapey	**PA4857**
Prevalence and Prognostic Impact of Malnutrition in Chronic Obstructive Pulmonary Disease Fettal Nadia (Sidi Bel Abbes, Algeria)	**PA4858**
From alerts to care pathway adaptations: real-world evidence from remote patient monitoring in COPD (eMeuse Study) Soumaya Balbolia (Cesson Sevigné, France), Alice Deschodt, Sylvain Le Liepvre, Florian Tilquin, Alexis Toullec, Yann Le Guillou, Marie Pirotais, Jean Claude Cornu, Valérie Esteve, Marie Joyeux-Faure, Jean Louis Pépin	**PA4859**
Impact of Chronic Obstructive Pulmonary Disease on 24-Hour Blood Pressure Profile in Hypertensive Patients Olha Boiko (Dnipro, Ukraine), Victoriya Rodionova	**PA4860**
COPD in the young – A matter of ratios and limits? Jorge Daniel Ambrósio Montês (Lisbon, Portugal), Beatriz Maio, Maria Olívia Ramos, Marco Pereira, Ana Cristina Lutas, Mónica Grafino, Jorge Cabral, Sofia Tello Furtado	**PA4861**
Evaluation of the relationship between clinical and functional findings and the characteristics of the diaphragm and auxiliary respiratory muscles in patients with COPD Bahadir Benli (GAZIANTEP, Türkiye), Emine Argüder, Turan Kaya, Yusuf Dedecan, Murathan Köksal	**PA4862**
Prevalence and persistence of blood eosinophilia in COPD: Real-world data from Sabah, Malaysia Tee Sunn Ren (Kota Kinabalu, Malaysia), Hema Yamini Devi A/P Ramarmuty, Kunji Kannan A/L Sivaraman Kannan	**PA4863**
AUTONOMIC REGULATION IN PATIENTS WITH COPD COMBINED WITH PULMONARY AND ARTERIAL HYPERTENSION Nafisa Shamukhamedova (Tashkent, Uzbekistan), Barno Abrorova, Gulchekhra Kadirova	**PA4864**
Assessment of Perceived Utility, Digital Tool Demand, and Training Needs for AI in COPD Management: A Nationwide KAP Survey Among Tunisian Primary Care Physicians Houda Laaouini (MAHDIA, Tunisia), Soumaya Bouchareb, A Araoud, S Ourghmni, H Ben Romdhane, G Ellouzi, N Keskes	**PA4865**
Artificial intelligence detection of COPD on chest radiographs: A retrospective validation study Shreyami Saha (Kolkata, India), Raja Dhar, Arup Halder, Shyam Krishnan, Diptendu Dey, Subham Chanda, Arpit Jain	**PA4866**
Predictors of in-flight desaturation and need for supplementary oxygen therapy during air travel. Hypoxic Challenge Test (HCT) in patients with Chronic Obstructive Pulmonary Disease (COPD). Vasiliki Athanasopoulou (Athens, Greece), Kalliopi-Theoni Vandorou, Ilektra Voulgareli, Konstantinos Bartziokas, Vasileios Papavasileiou, Georgios Hillas, Stelios Loukides, Dimitrios Toumpanakis	**PA4867**
Shifting oxygen therapy monitoring from hospital to home: nurse-led transcutaneous CO_2 consultations in severe chronic obstructive pulmonary disease Camilla Lefoli Maibom (Svendborg, Denmark), Grete Bøgesvang, Pernille Sullestad Olsen, Rikke Salomon, Britta Aaes	**PA4868**
Clinical phenotype and stratification of good and poor responders to pulmonary rehabilitation combined with physical activity counselling in COPD Sofía Ayat Ortiz (madrid, Spain), Gianna Vargas Centanaro, Elizabeth Gonzales Revilla, Juan Luis Rodríguez Hermosa, Alfonso Montero, Myriam Calle Rubio	**PA4869**
Factors Influencing Inhaled Therapy Choice in COPD: A National Survey of Physicians' Preferences Gozde Mit (ANKARA, Türkiye), Elif Selçuk, Elif Şen, Elif Akıncı Aydınlı, Derya Gökmen, Fatma Arslan, Akın Kaya	**PA4870**

COPD Outreach in the North West of Ireland: service activity and impact on admissions and bed days across two implementation cycles **PA4871**
Nathan Scanlon (Sligo, Ireland), Helen Johnston, Katherine Finan, Ciara Gough, Tom McEnery

Validation of the ROME COPD exacerbation severity classification as a prognostic tool in a large real-world hospitalised cohort **PA4872**
Caitlin Morgan (Bristol, United Kingdom), Philip Wells, Raquel Granell, Paul White, Catherine Hyams, James W Dodd

PS-2 Session 439 08:00 - 09:30

Poster session: Current clinical problems in respiratory medicine I

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Epidemiology | Cell and molecular biology | Public health | Imaging | Physiology | Palliative care | Endoscopy and interventional pulmonology

Tag(s) : Clinical

Chairs : Mauro Maniscalco (Napoli (NA), Italy), Amber Beersaerts (Leuven, Belgium), Audrey Borghi Silva (São Carlos (SP), Brazil)

Late Breaking Abstract - Clinical Characteristics of Drug-Induced Pleural Effusions: Results from the International Multicentre Pleural Research Collaborative (IMPACT) **PA4873**
Krishan Bansal (Bristol, United Kingdom), Eleanor Barton, Matthew Mitchell, Nick Maskell, Jane Shaw, Uffe Christian Steinholtz Bødtger, Federico Mei, Steven Walker

Clinical Outcomes of Respiratory Patients Managed in an Acute Virtual Ward: A Retrospective Cohort Study **PA4874**
Muhammad Ammar Iqbal (Limerick, Ireland), Aakash Lakhani, Hafiz Muhammad Ali, Una O'Connor, Laura Lowry, Abdul Mannan, Muhammad Armughan Khalid, Umar Khan

Participant experience and the use of a decentralised trial model to support recruitment in the OPACE trial: a pragmatic double-blind, randomised placebo controlled trial of continued versus discontinued azithromycin prophylaxis in COPD. **PA4875**
Marie Fisk (Cambridge, United Kingdom), Gbenga Adesoye, Zehra Yilmaz, Pedro Avila, Freddy Frost, Francis Appiagyei, Hudson Mumbole, Frances Early, David Anderson, Graham Miller, Luke Hodgson, Richa Singh, Neil Greening, Liz Lauraine Tedoco, Sona Kaydan, Jenny Marlow, Anil Hormis, Phil Raines, Rob Hallifax, Keir Lewis, Gourab Chowdhury, Beatriz Lara, Thomas Bongers, Bintou Jallow, Samantha Kon, John Hurst, Rehan Mustafa, Muhammad Anwar, Ramsey Sabit, Bethia Bradley, Tuccay Loke, Ritesh Kumar, Saleheen Kadri, Roberto Rabinovich, Sarah Deacon, Anita Ionita, Louise Warburton, Daniel Menzies, Muhammad Malik, Onn Shaun Thein, Kamal Ibrahim, Faisal Kamal, Michael Polkey, Jonathan Fuld, Anthony DeSoyza, Gwyneth Davies, Charlotte Bolton, Simon Bond, Ian Wilkinson, David Price

Translation/cross-cultural adaptation of the Palliative Care Knowledge Scale into European Portuguese and assessment of its measurement properties in COPD and interstitial lung diseases **PA4876**
Alda Marques (Aveiro, Portugal), Maria Aurora Pinto Mendes, Ana Rita Pereira, Pedro Viegas, Joana Gomes, Tânia Pinho, Raquel Vilar Marinho, Ana Sofia Grave, Daisy JA Janssen

Mapping Multidimensional Palliative Care Needs Across COPD, Lung Cancer and ILD: Insights from Trial Data **PA4877**
Mevhibe B. Hocagoglu (London, England, United Kingdom), Juan Pablo Alvarez, Charles C Reilly, Irene J Higginson

Psychological needs and quality of life in patients with Alpha-1 Antitrypsin Deficiency: a preliminary study **PA4878**
Antonietta Coppola (Napoli, Italy), Raffaella Manzo, Anna Annunziata, Anna Michela Gaeta, Francesca Simioli, Federica Nasti, Ilaria Ferrarotti, Nuccia Gatta, Giuseppe Fiorentino

Photobreathe: a qualitative photovoice study exploring breathlessness and social connection **PA4879**
Lisa Jane Brighton (London, United Kingdom), Laura Cottrell, Matthew Maddocks, Elena Marcus, Ruth A. Hackett, Sam Norton, Joseph Chilcot, Irene Higginson, Martha Canfield, Erika Kennington, Aneesa Sajid, Keir E.J. Philip

Vaccination Status Of Hospitalized Patients With Chronic Respiratory Diseases And The Contribution Of Vaccination To Prognosis **PA4880**
Hüsra Tetik Manav (ANKARA, Türkiye), Hatice Çetindoğan, Yakup Arslan, Cantürk Taşçı, Deniz Doğan, Nesrin Öcal, Burcu Öztürk Şahin

Relationship between white blood cell differential count and halp score with body composition in stable COPD patients **PA4881**
Dilber Durmaz (Balikesir, Türkiye), Naime Meric Konar

Comparison of urinary titin levels in COPD patients with and without skeletal muscle dysfunction PA4882
Pimpawee Kirdsup (Bangkok, Thailand), Benjamas Chuaychoo, Sorachai Srisuma, Peemongkon Wattananon

Etiological Spectrum and Stratification Characteristics of Peripheral Blood Eosinophilia in Hospitalized Adults: A Retrospective Study PA4883
Dongyu He (chengdu, China), Lan Yang, Weimin Li

Efficacy and Safety of TQC2731 in Chronic Rhinosinusitis with Nasal Polyps (CRSwNP): A Multicenter, Randomized, Double-Blind, Placebo-Controlled Phase II Clinical Trial PA4884
Li Hu (Shanghai, China), Xicai Sun, Huan Wang, Jixiang Liu, Zhaohui Liu, Yan Jiang, Guolin Tan, Feng Liu, Gang He, Tao Jiang, Ding Yu, Weiguo Li, Qin Zhang, Dehui Wang

Assessment of Ventilation and Perfusion Changes After Endobronchial Valve Treatment in Emphysema Patients Using Novel CT:VQ Imaging PA4885
Nina Eikelis (Melbourne, Australia), Kris Nilsen, Cheng-Ju Tsai, Else A M D Ter Haar, Dirk-Jan Slebos, Jorine E Hartman

IgG4-Related Disease with Pulmonary Involvement PA4886
Zuleyha Bingol (Istanbul, Türkiye), Betul Buse Karabıyık, Burak Ince, Murat Inanc, Gulfer Okumus

Misdiagnosis of chronic endobronchial foreign bodies in adults: A diagnostic pitfall PA4887
Mariem Chaabane (Tunis, Tunisia), Manel Jabberi, Tasnim Znegui, Sarra Maazaoui, Sonia Habibech, Hajer Racil, Nawel Chaouch

Computed Tomography Assessment of Lung Involvement in Rheumatoid Arthritis (RA) PA4888
Olha Shchudro (Dnipro, Ukraine), Daria Koval, Lyudmyla Konopkina, Larysa Botvinikova, Yuliia Huba, Olena Myronenko, Hanna Harahulia

SMOKING AMONG MEDICAL STUDENTS: PREVALENCE AND PECULIARITIES PA4889
Yana Lazur (Uzhorod Ужгород, Ukraine), Olha Lemko, Natalia Vantiukh

Predictive factors of sublingual allergen immunotherapy failure for house dust mite respiratory allergy PA4890
Chirine Moussa (Tunis, Tunisia), Chaima Turki, Lenda Ben hmida, Hanine Hadj Mabrouk, Chiraz Aichaouia, Samira Mhamdi, Zied Moatemri, Zied Moatemri

Co-development of an AATD-specific Patient-Reported Outcome Measure (PROM) PA4891
Alice M Turner (Birmingham, United Kingdom), Adeola Onasanya, Anita Pye, Agnieszka Ignatowicz

Economic consequences of dyspnea misinterpretation in COPD patients with coexisting cardiovascular disease: a scoping review PA4892
Anastasiia Gorova (Kharkiv, Ukraine), Dmytro Gorovyi

PS-20 Session 440 08:00 - 09:30

Poster session: Immune and molecular mechanisms in allergic airway disease

Disease(s) : Airway diseases

Method(s) : Physiology Cell and molecular biology Pulmonary function testing

Tag(s) : Basic science, Translational , Digital health

Chairs : Lena Uller (Lund, Sweden), Carlos José Cordeiro Lopes (Lisboa, Portugal), Mona Al-Ahmad (Kuwait City, Kuwait)

Late Breaking Abstract - Targeting Macrophage Ferroptosis to Disrupt CD4+ Tissue-Resident Memory T Cell Generation in Allergic Airway Inflammation PA4893
jinxi luo (Guangzhou, China), QingLing Zhang, Jie Yan

IL-37 suppresses extracellular matrix deposition in asthma via reciprocal regulation of IL-33 PA4894
Qing Wang (Hangzhou, China), Yuying Wei, Liuqing Yang

LSC - 2026 - Multiomic analysis between miRNome and transcriptome in lung tissue in rat model o f allergic asthma PA4895
Joanna Nowakowska-Lewicka (Poznań, Poland), Wojciech Langwiński, Kosma Sakrajda, Zuzanna Stachowiak, Maria Kachel, Beata Narożna, Ewa Pruszyńska-Oszmałek, Paweł Kołodziejski, Aleksandra Szczepankiewicz

Identification of SORBS1 as a regulator of allergic airway inflammation through genetic and single-cell analyses PA4896
Onyu Hong (Chengju-si, Republic of Korea), Sehyang Hong, Hyeja Lee

Environmental triggers including PM2.5, rhinovirus, and aeroallergens drive epithelial alarmin cytokine TL1A responses in vitro and in vivo Sangeetha Ramu (Lund, Sweden), Irma Mahmutovic Persson, Sara Vázquez Mera, Sofia Malm Tillgren, Mandy Menzel, Christian Uggerhøj Wøhlk, Lena Uller	**PA4898**
Lung dopaminergic nerves facilitate the establishment of T helper 2 resident memory cells in early life Wei Wang (, China)	**PA4899**
The Role of TRPM5 in Airway Epithelial Barrier Dysfunction and Allergic Inflammation Induced by Extreme Temperatures SYUE-WEI PENG (Taipei City, Taiwan), Chih-Hsuan Lin, Jer-Hwa Chang, Hsiao-Chi Chuang	**PA4900**
Late Breaking Abstract - Targeting CD36 with PLT012 for Tissue Regeneration and Immune Modulation in COPD Laura Fernandez-Rodriguez (Epalinges, Switzerland), Yusen Gou, Zhen Meng, Yi-Ru Yu, Yun-Han Lin, Lei Sun	**PA4901**
HDM Challenge Modulates Angiogenesis-Related Gene Expression in the Lung During PM2.5-Induced Asthma Exacerbation Sara Vázquez Mera (Lund, Sweden), Irma Mahmutovic-Persson, Sangeetha Ramu, Sofia Malm-Tillgren, Mandy Menzel, Lena Uller	**PA4902**
Development of AAV-delivered synthetic gene circuits for the targeted clearance of mast cells and basophils in the treatment of allergic diseases Guoxiong Tian (Zhengjiang province, China), Guoxiong Tian, Songming Ying	**PA4903**
IL-33 modulates cytotoxic NK Cell Subsets in Severe Eosinophilic Asthma Laura Bergantini (siena, Italy), Irene Paggi, Tommaso Pianigiani, Elena Bargagli, Paolo Cameli	**PA4904**
Extracellular ATP regulation by CD39L1 and CD39/CD73-expressing type 2 CD8+ T cells in refractory chronic cough Takahiro Matsuyama (Kagoshima, Japan), Carol Zhang, Wafa Hassan, Elena Kum, Ryan Singer, Jennifer Wattie, Lesley Wiltshire, Suzanne Beaudin, Paul O'Byrne, Hiromasa Inoue, Jeremy Hirota, Imran Satia, Roma Sehmi	**PA4905**
The mechanism of dust mite-induced platelet activation and mitochondrial oxidative damage via binding to GPIb-IX-V to regulate the secretion of Dkk-1 Fengjia Chen (guangzhou, China), Zhimin Zeng, Yangli Liu, Yubiao Guo	**PA4906**
CHI3L1 could mediate chitin-induced allergic airway inflammation. Tiantian Zhang (Shanghai, China), Yidan Sun, Guochao Shi	**PA4907**
Serotonin-producing mast cells suppress ILC2 function during asthma. Naoki Okada (Yokohama, Japan), Tetsuro Kobayashi, Koichiro Asano, Kazuyo Moro	**PA4908**
Spatially targeted single-nucleus RNA sequencing identifies a pathogen-associated response by immune cells in mucus-plugged airways in asthma Aileen Hsieh (Groningen, Netherlands), Chen Xi Yang, Lenka Maliskova, Brittany Davidson, Walter Eckalbar, David Erle, Tillie-Louise Hackett	**PA4909**
CD207 positive DCs promote Th2 inflammation through allergen sensing in asthma. Xin Yao (Nanjing (Jiangsu), China), Heng Fu, Peng Sun, Xijing Yuan, Ian Adcock, Lei Yao, Man Jia	**PA4910**
Glycolytic Reprogramming is Essential for IL-25-Induced Eosinophil Activation and Airway Inflammation and Remodeling Wei Tang (Shanghai, China), Huacheng Yan	**PA4911**
Heterogeneity of chronic cough in asthma: a prospective cohort study with hierarchical cluster analysis fanding jin (Chengdu, China), Ke Deng, Gang Wang	**PA4912**

PS-21 Session 441 08:00 - 09:30

Poster session: Sex, war, fire, hazardous jobs and Co.

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology

Method(s) : Epidemiology | Public health | Imaging | Pulmonary function testing | Palliative care

Tag(s) : Clinical, Global reach, Prevention

Chairs : Jiawei ZHANG (Copenhagen, Denmark), Ane Johannessen (Bergen, Norway), Reza Hosseini (East Syracuse, United States)

Late Breaking Abstract - Phenotyping of breathlessness from a large, national online health survey using machine learning. Four distinct groups of people identified David Currow (Sydney (NSW), Australia), Daisy Janssen, Magnus Ekström, Chelsea Patterson, Janelle Yorke, Slavica Kochovska, Max Olsson	**PA4913**
Prenatal exposure to air pollution and fetal lung maturity assessed using quantitative ultrasound texture analysis Alan Domínguez (Barcelona, Spain), Maribel Casas, David Coronado-Gutiérrez, Yana Luo, Marino Romero, Elisa Llurba, María Dolores Gómez-Roig, Carla Domínguez, Marta Muniesa, Mireia Gascón, Maria Foraster, Mariona Bustamante, Mark Nieuwenhuijsen, Payam Dadvand, Jordi Sunyer, Xavier Basagaña, Ioar Rivas	**PA4914**
Respiratory health in the aftermath of war: a cross-sectional study Zeina Akiki (Byblos, Lebanon), Mohsen Yassine, Maya Al Diab, Firas K. Ghanem, Guisela Sadek, Michele Cherfane	**PA4915**
Perceptions, exposure appraisal, and prevention barriers for air pollution and climate-linked airborne threats: seven-country survey with 2018–2025 trends Julius Obinna Ugwu (Nyon, Switzerland), Abdul Haye	**PA4916**
Combined effects of long-term air pollution exposures on adult active asthma: a quantile g-computation analysis Robin Mzati Sinsamala, Helena Backman, Mathias Holm, Christer Janson, Hans Orru, Vivi Schlünssen, Hulda Rosa Thorarinsdottir, Ane Johannessen	**PA4917**
Particulate Matter Pollution and Its Health Burden in Pakistan: Evidence from GBD 2023 and National Surveillance Data Taymmia Ejaz (Karachi, Pakistan), Muhammad Irfan, Javaid Ahmed Khan	**PA4918**
Classroom indoor air quality and symptom burden in primary schoolchildren: integrating perceived and measured indicators Giustino Carlino (palermo, Italy), Valentina Lazzara, Andrea Perri, Alessandra Pandolfo, Pietro Alfano, Giusy Daniela Albano, Anna Bonomolo, Stefania La Grutta, Vito Muggeo, Elisabetta Pace, Velia Malizia	**PA4919**
Burden of chronic respiratory diseases attributable to air pollution in Tunisia : 23 years analysis from 2000 to 2023 Oussema Guesmi (Tunis, Tunisia), Emna Gara, Emna Ben Mbarek, Hind Bouguerra, Mehdi Hakim Houman, Molka Osman, Houyem Khiari	**PA4920**
Long-term exposure to wildfire-related $PM_{2.5}$ and respiratory health: a 10-year modelling study in a prospective cohort Xin Dai (Carlton, Australia), Tingting Ye, Dinh Bui, Adrian Lowe, Jennifier Perret, Garun Hamilton, Michael Abramson, Haydn Walters, Yuming Guo, Shyamali Dharmage, Caroline Lodge	**PA4921**
Daily physical activity energy expenditure and mortality in patients with COPD Jixuan Ma (Wuhan, China), Haoxiang Liu	**PA4922**
Association of an early-life growth adversity index with adult respiratory mortality across strata of cigarette smoke exposure Raphael Goldman-Pham (Calgary, Canada), Sophie É. Collins, Rebecca Bao, Jonas Eriksson Ström, Simon Kebede Merid, James P. Allinson, Sanja Stanojevic, Benjamin M. Smith	**PA4923**
Economic and social burden of chronic obstructive pulmonary disiase (COPD): A systematic review of recent literatura (2020-2024). Celia Gutiérrez Villegas (Colindres, Spain), Manuel Herrero Montes, Luis Manuel Fernández Cacho, Carlos Antonio Amado Diago, Valentín Perales García, María Paz Zulueta	**PA4924**
Independent and comprehensive effects of multiple dietary fat components on chronic cough: Findings based on two large populations Jun Wen (Chongqing, China)	**PA4925**
Occupational lung disease and social deprivation in the UK: data from the SWORD scheme Ruth Wiggans (Manchester (Greater Manchester), United Kingdom), Mark Johnson, David Fishwick, Melanie Carder, Georgia McHale, Laura Byrne, Matthew Gittins, Martie Van Tongeren	**PA4926**
Primary spontaneous pneumothorax in athletes: clinical profile and recurrence risk Maroua Abbassi (Médenine, Tunisia), Emna Ben Jemia, Chayma Jneyeh, Mohamed Fares Ben Hadid, Yosr Ben Attig, Amenie Naaroura, Haifa Zaibi, Mohamed Sadok Boudaya, Jihen Ben Amar	**PA4927**

Are there sex-dependent differences in clinical characteristics, biomarkers and treatment in adult-onset asthma? PA4928
Sofia Winsa Lindmark (Luleå, Sweden), Caroline Stridsman, Linnea Hedman, Tomi Myrberg, Anne Lindberg, Eva Rönmark, Helena Backman

Sex differences in financial and social unmet needs and quality of life in COPD PA4929
Radmila Choate (Lexington, United States), Kelsey Karnik, Kristen McQuerry, David Mannino

Oscillometric Assessment of Lung Size and Sex Differences PA4930
Christoph Valach (Vienna, Austria), Ahmad Karimi, Chiara Veneroni, Pasquale Pio Pompilio, Alessandro Gobbi, Marie-Kathrin Breyer, David A. Kaminsky, Charles G. Irvin, Frits Franssen, Emiel F. M. Wouters, Robab Breyer-Kohansal

Are serum sex steroids differentially associated with asthma phenotypes? PA4931
Selin Özuygur Ermis (Gothenburg, Sweden), Michael Salisu, Selin Ercan, Helen Adesoba, Muwada Bashir, Carina Malmhäll, Reshed Abohalaka, Daniil Lisik, Madeleine Rådinger, Hannu Kankaanranta, Bright Nwaru

Sex-specific associations between handgrip strength and lung function in a large French population-based cohort PA4932
Assia Oufella (Villejuif, France), Laurent Orsi, Marie-Christine Delmas, Orianne Dumas, Sofiane Kab, Anna Ozguler, Marie Zins, Nicolas Roche, Thierry Perez, Raphaëlle Varraso, Marianne Canonico, Bénédicte Leynaert

PS-22 Session 442 08:00 - 09:30

Poster session: Occupational exposures and respiratory health

Disease(s) : Airway diseases Interstitial lung diseases Thoracic oncology

Method(s) : Epidemiology Public health General respiratory patient care Pulmonary function testing Cell and molecular biology Imaging

Tag(s) : Global reach

Chairs : Sara De Matteis (Torino, Italy), Steven Ronsmans (Leuven, Belgium), Selin Çakmakcı Karakaya (Ankara, Türkiye)

Late Breaking Abstract - Socioeconomic Status and Sarcoidosis Risk: Evidence Supporting an Occupational Etiology PA4933
Einat Fireman Klein (HAIFA, Israel), Batel Keren, Yochai Adir

Occupational causes of interstitial lung disease, and trends in silicosis, from a supra-regional UK occupational lung disease service, 2001-25 PA4934
Gareth Walters (Birmingham (West Midlands), United Kingdom), Vicky Moore, Sam Wallbanks, Emma Hirons, Kimberley Nettleton, Parminder Bhomra, Arun Dev Vellore, Alastair Robertson, Sherwood Burge, Christopher Huntley

Work-related sensitization among employees in gluten-free bakeries PA4935
Irmeli Lindström (Helsinki, Finland), Sabine Kespohl, Liisa Airaksinen, Soile Jungewelter, Ingrid Sander, Monika Raulf, Hille Suojalehto

Occupational asthma and rhinitis with concomitant contact urticaria and protein contact dermatitis in the Finnish Register of Occupational Diseases in 2005-2020: Main causes and occupations at risk PA4936
Hille Suojalehto (Helsinki, Finland), Ville Ojanen, Liisa Airaksinen, Kirsi Koskela, Maria Pesonen

Environmental exposures at home and in the workplace in relation to inhaled corticosteroid medication - the population-based REGAL study PA4937
Juan Wang (Uppsala, Sweden), Andreas Palm, Caroline Ahlroth Pind, Mathias Holm, Sven-Erik Dahlén, Lars Modig, Ane Johannessen, Xingwu Zhou, Andrei Malinovschi, Össur Ingi Emilsson

Artificial Stone Silicosis in the UK: what do we know now? PA4938
Johanna Feary (London, United Kingdom), Tamanna Kabir, Patrick Howlett, Anand Devaraj, Joanna Szram

Impact of work-related respiratory symptoms on work ability: A five-year follow-up of the Telemark Study. PA4939
Gry B. N. Nordang (Skien, Norway), Martin V. Svendsen, Nikola Zivadinovic, Regine Abrahamsen, Geir Klepaker, Anne Kristin M. Fell

Characterization of environmental exposures in patients with hypersensitivity pneumonitis PA4940
Antia Ferreiro Posse (Barcelona, Spain), David Espejo Castellanos, David Soler Segovia, Marc Massa Gómez, María Jesús Cruz Carmona, Xavier Munoz Gall

Respiratory and spirometric findings in an informal gold-mining population with high exposure to radon, wood smoke and tobacco in La baja, California (Santander, Colombia) **PA4941**
Cristian Henao (Bucaramanga, Colombia), Leslie Vargas, Alvaro Idrovo

Study of occupational lung health and impairment of lung function among workers in a Silica processing factory, Kurunegala, Sri Lanka **PA4942**
Kulathunga Mudiyanselage Chandana Nishantha (Kandy, Sri Lanka), Indu Karunarathna, Sampath Kumara, Lakmali Amarasisri, Asanka Priyadarshana, Indika Athauda

Self-reported exposure and family history in patients with Interstitial Lung Disease: a perspective from the North-East of Italy **PA4943**
Gioele Castelli (Padova, Italy), Francesca Boscaro, Giacomo Giulianelli, Martina Lorico, Serena Bellani, Nicol Bernardinello, Elisabetta Cocconcelli, Nabil Nesser, Pietro Frugoni, Barbara Trani, Emanuela Rossi, Davide Ortolan, Veronica Gaspari, Loredana Carobene, Alessandra Benda, Mariagrazia Morcone, Giuseppe Idotta, Ernesto Crisafulli, Lucio Michieletto, Claudio Micheletto, Micaela Romagnoli, Paolo Spagnolo, Elisabetta Balestro

Occupational Exposure–Related Lung Diseases in Children: Clinical Characteristics and Diagnostic Approaches – A Case-Based Descriptive Study **PA4944**
Sule Selin Akyan Soydaş (ANKARA, Türkiye), Gökçen Ünal

A new type of hypersensitivity pneumonitis: podiatrist's lung **PA4945**
Maurizio Marvisi (Cremona (CR), Italy), Sara Ramponi, Laura Balzarini, Chiara Mancini, Davide Colombi, Stefano Regondi

Relationship Between Inorganic Dust Exposure Level and Pulmonary Function and Radiological Findings in Pneumoconiosis **PA4946**
Zehra Nur Toreyin (Izmir, Türkiye), Şeymanur Gül, Cansu Koçak, Recep Savaş, Meral Türk

Occupational exposure and clinical characteristics of severe COPD: Data from the SPOCCAT Registry. **PA4947**
Ane Lopez-Gonzalez (Barcelona, Spain), Galo Granados, Maria Antonia Ramón, Jéssica González, Cristina Aljama, Annie Navarro, Eduardo Vélez, Miguel Ángel Leal, Miriam Barrecheguren, Artur Juan, Abigail Macías, Nestor Soler, Nuría Rodríguez, Fernando Ruiz, Elena Miguel-Campos, Sònia Belda, Alejandra López, Oswaldo Caguana, Dan Sánchez, Sergi Pascual, Marc Miravitlles, Roser Costa

Induced sputum fingerprint of idiopathic pulmonary fibrosis (IPF) patients with occupational exposure- A pilot study **PA4948**
Noga Aharoni (Haifa, Israel), Einat Fireman Klein, Yochai Adir

Occupational risk factors of interstitial lung disease in a case-control study **PA4949**
Saule Kassenova (Almaty, Kazakhstan), Aida Zhadil, Denis Vinnikov

Implementation of an occupational module in a low-dose CT lung cancer screening programme: the first study in Italy. **PA4950**
Luca Novelli (Bergamo, Italy), Alessandro Montuori, Dario Consonni, Giulia Cosentino, Federico Raimondi, Fabiano Di Marco, Antonella Smedile, Paolo Marra, Stefania Angioletti, Paola Tessitore, Sandro Sironi, Sara De Matteis

Occupational risk factors of chronic obstructive pulmonary disease classified with JEM in a nationwide population-based study **PA4951**
Irina Mukatova (Astana, Kazakhstan), Denis Vinnikov, Zhangir Dairuly, Aizhan Raushanova, Zhanna Romanova

Cardiopulmonary exercise test shows better correlation with inflammatory blood biomarkers than the 6-minute walk test in individuals with silicosis **PA4952**
Lavinia Clara Del Roio (São Paulo (SP), Brazil), Bruna Mamprim Piloto Lara, João Marcos Salge, Flavia Folchini, Guilherme Ward Leite, Fernanda Cipolletta, Rafael Futoshi Mizutani

PS-23 Session 443 08:00 - 09:30

Poster session: Optimising tobacco-cessation interventions in clinical practice

Disease(s) : Airway diseases Sleep and breathing disorders

Method(s) : Epidemiology General respiratory patient care Public health Palliative care Imaging Pulmonary function testing Cell and molecular biology Pulmonary rehabilitation

Tag(s) : Clinical, Prevention

Chairs : Maria Sofia Cattaruzza (Roma (RM), Italy), Florin Dumitru Mihaltan (Bucuresti, Romania), Stamatoula Tsikrika (Athens, Greece)

Analysis of E-cigarette Use and Influencing Factors Among Adolescents in Beijing Xia Huang (Beijing, China)	**PA4953**
Implementation of Brief Smoking Cessation Interventions in Routine Clinical Practice: A Repeated Cross-Sectional Study Eray Halisdemir (Rize, Türkiye), Dilek Karadoğan, İsa Çelik, İrem Gül Yalçın, Hasan Türüt, Ünal Şahin, Sofia Belo Ravara	**PA4954**
Real-World Evidence of Cytisine Use in Türkiye: Quit Rates and Determinants of Smoking Cessation Esin Bilgin Konyalihatipoglu (Trabzon, Türkiye), Dilek Karadoğan, Deniz Say Şahin, İsa Çelik, Sofia Belo Ravara	**PA4955**
Factors associated with motivation to quit smoking: a prospective cohort study Ahmed Araoud (Monastir, Tunisia), Mayssa Rebei, Amani Maatouk, Iyed Maatouk, Mayssa Belhadj Mohamed, Wafa Dhouib, Cyrine Bennasrallah, Meriem Kacem, Hela Abroug, Menel Ben Fredj, Ines Bouanene, Imen Zemni, Asma Belguith	**PA4956**
High Prevalence and Dual Use of Cigarettes and E-Cigarettes Among Early Adolescents in Monastir, Tunisia: A 2025 School-Based Survey Ahmed Araoud (Monastir, Tunisia), Mayssa Rebei	**PA4957**
History of Major Adverse Cardiac Events Predicts Early Smoking Cessation Success with NRT Monotherapy in a Highly Dependent Rural Tunisian Cohort Ahmed Araoud (Monastir, Tunisia), Mayssa Rebei, Nizar Safta	**PA4958**
Progress in the use of smoking cessation medications for vaping cessation: a review Hong Chen (Chongqing, China), Zhengyu Li, Shengxin Fan, Yuezhou Zhang, Changlin Tang, Huilin Yu	**PA4959**
Learning Through Exacerbations: Knowledge Gaps Across GOLD A, B and E in a Community-Based Pulmonology Practice in Tyrol, Austria Nikolas Hummel (Innsbruck, Austria), Julia Tappeiner, Ivan Tancevski	**PA4960**
Perceptions of traditional and alternative tobacco products on athletic performance: a pilot survey among Italian athletes Maria Sofia Cattaruzza (Roma (RM), Italy), Romina Pausilli, Cristina Fioravanti, Chiara Tommasino	**PA4962**
Psychological Correlates of Smoking Among Medical Students: The Role of Anxiety, Depression, and Self-Esteem Houda Laaouini (MAHDIA, Tunisia), Soumaya Bouchareb, Souhir Ourghmni, Haifa Ben romdhane, Ghada Ellouzi, Nadia Keskes, Leila Boussoffara	**PA4963**
Impact of tobacco: consumption habits, health and social perception Iñigo de la Viuda Camino (USANSOLO-GALDAKAO, Spain), Inmaculada Gorordo Unzueta, Leire Dávila Peña, Teresa Alegría Marco, Juan Felipe Lenis Gomez, Patricia Garcia Hontoria, Ana Jodar Samper, Maria Allende Gil de Gomez Garcia, Juan Antonio Riesco Miranda, Carlos Anfrés Jiménez Ruix, Jose Ignacio De Granda Orive, Maribel Cristobal Fernandez, Eva Belen De Higes Martinez, Carlos Rabade Castedo, Francisco Carrión Valero, Aitor Ballaz Quincoces	**PA4965**
Smokeless tobacco and subclinical cardiovascular disease: independent association between snus use and elevated Coronary Artery Calcium Score Ulf Nilsson (Umeå, Sweden), Julia Sundin, Hermon Amman, Magnus Lundbäck, Linnea Hedman, Jenny Bosson Damewood	**PA4966**
Multiform tobacco use and associated clinical-anthropometric profiles in Algerian adults Noha Meriem BELIARDOUH (Annaba, Algeria), Mahdi Martani, Mohamed Kheireddine Bourahli, Mohamed Bougrida	**PA4967**
Pediatricians' knowledge, attitudes and practices on electronic cigarettes in Italy Alessandra Pandolfo (Palermo, Italy), Stefania Roncaglia, Andrea Perri, Giustino Carlino, Michele Ghezzi, Maria Elisa Di Cicco, Velia Malizia, Giulia Bertolucci, Camilla Cacchione, Vito Michele Rosario Muggeo, Giovanni Viegi, Stefania La Grutta	**PA4969**
Implementation Barriers and User Preferences for Digital Smoking-Cessation Tools among Individuals Opting for Nonpharmacological Cessation: A Multicenter Survey Haixing Zhu (Shanghai, China), Ranran Dai	**PA4971**

PS-24 Session 444 08:00 - 09:30

Poster session: Paediatric severe asthma and obesity-related comorbidities: scientific highlights

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Public health Epidemiology Pulmonary function testing

Tag(s) : Clinical, Translational

Chairs : Raffaella Nenna (Rome, Italy), Carla Rebeca da Silva Sena (Basel, Switzerland), Susanne Vijverberg (Utrecht, Netherlands)

Indoor mold exposure and asthma in children: a systematic literature study — **PA4972**
Ravi Goes (Amsterdam, Netherlands), Sara van den Berg, Tahira Hussain, Simone Hashimoto, Cecilia Chan, Suzanne Terheggen-Lagro, Berber Kapitein, Susanne Vijverberg

Corticosteroid burden in children starting biologic treatment for severe asthma in the ERS CRC SPACE registry — **PA4973**
Norrice Liu (London, United Kingdom), Flore Amat, Priscille Biermé, Silvia Carraro, Pierrick Cros, Carolina Díaz-García, Lisa Giovannini-Chami, Monika Gappa, Laurence Hanssens, Géraldine Labouret, Guillaume Lezmi, Amelia Licari, Alejandro Lopez Neyra, Jaime Lozano Blasco, Julie Mazenq, Santiago Pérez Tarazona, Cinthia Rames, Juan Carlos Ramos Díaz, Carina Madelen Saunders, Elias Seidl, Hortense Petat, Stéphanie Wanin, Stuart Macfarlane, Elena Spada, Antoine Deschildre, Louise Fleming, Enrico Lombardi, Ines De Mir-Messa, Marielle Pijnenburg, Franca Rusconi

Impact of asthma and corticosteroid Therapy on Glycemic Markers in overweight/obese children — **PA4974**
Safa Noor (Doha, Qatar), Alaa Abdelhamid, Yaman Al-Haneedi, Omar Tluli, Harshita Shailesh, Elwaseila Hamdoun, Mutasim Abu-Hasan, Ibrahim A Janahi

Optimizing pediatric asthma care by educating healthcare providers in emergency departments, unveiling the impact on oxygen therapy. — **PA4975**
Stijn Broothaers (Sint-Katelijne-Waver, Belgium), Dorian Van der Beken, Marie Van Put, Kim Van Hoorenbeeck

Mepolizumab Treatment in Children and Adolescents with Severe Eosinophilic Asthma (CASAM)-Safety profile — **PA4976**
Latika Gupta (London, United Kingdom), Ines De Mir-Messa, Jose Valverde-Molina, Clare Murray, Ana Diez Izquierdo, Ana Martinez Canavate Burgos, Chinedu Nwokoro, Carolina Diaz Garcia, Alicia Callejón Callejón, Prasad Nagakumar, Olga de la Serna Blazquez, James Cook, Laura Valdesoiro Navarrete, Juan Navarro Morón, Mirella Gaboli, Silvia Castillo Corullon, Alvaro Gimeno Diaz de Atauri, Pilar Caro Aguilera, Jaime Lozano Blasco, Yolanda Aliaga, Alejandro López Neyra, Andrew Turnbull, Paula Corcuera Elosegui, Katharine Pike, Atul Gupta

Biologics in children with severe asthma: a consensus statement on choosing and stopping biologics A statement from the European Respiratory Society (ERS) Clinical Research Collaboration SPACE, on behalve of the SPACE Delphi Study Group — **PA4977**
Herman den Dekker (Rotterdam, Netherlands), Ana Diez Izquierdo, Stephanie Lejeune, Antoine Deschildre, Louise Fleming, Enrico Lombardi, Ines de Mir Messa, Norrice Liu, Franca Rusconi, Marielle Pijnenburg

T2 biomarkers in pediatric severe asthmatic children starting a biologic in the Severe Paediatric Asthma Collaborative in Europe (SPACE) registry, an ERS Clinical Research Collaboration — **PA4978**
Antoine DESCHILDRE (Lille, France), Norrice Liu, Flore Amat, Priscille Biermé, Pierrick Cros, Grazia Fenu, Valentina Ferraro, Monika Gappa, Lisa Giovannini-Chami, Laurence Hanssens, Géraldine Labouret, Stéphanie Lejeune, Guillaume Lezmi, Amelia Licari, Alejandro Lopez Neyra, Jaime Lozzano Blasco, Julie Mazenq, Santiago Pérez Tarazona, Hortense Petat, Cinthia Rames, Juan Carlos Ramos Diaz, Carina Madelen Saunders, Elias Seidl, José Valverde-Molina, Stéphanie Wanin, Stuart Macfarlane, Elena Spada, Louise Fleming, Enrico Lombardi, Ines Mir-Messa, Marielle Pijnenburg, Franca Rusconi

Overweight-Obesity and Sleep disordered breathing in asthmatic children — **PA4979**
Magdalena Vocos (Ciudad Autónoma Buenos Aires, Argentina), Maria Cristina Gimena Donth Leger, Carlos Velasco, Tania Florez, Doris Primrose, Marcela Roque, Juan Manuel Figueroa

T2-low asthma in children and young people with severe asthma: a cohort study — **PA4980**
Ella Brierley (Leicester, United Kingdom), Chloe Williams, Manisha Ramphul, David Lo, Erol Gaillard

Characteristics and mechanisms of obesity-related paediatric asthma and wheeze — **PA4981**
Jiashu Shen (Oxford, United Kingdom), Nazanin Zounemat-Kermani, Freda Yang, Chloe Bloom, Sven-Erik Dahlen, Ian Pavord, James Chalmers, Ian Adcock, Timothy Hinks

Inhaled and oral corticosteroid use after dupilumab initiation in children aged 6 to 11 years with asthma: Results from real-world US data — **PA4982**
Daniel Jackson (Madison, United States), Anne Laure TARDY, Nella Bieszk, Robert Lubwama, Joe Yang, Rachel Parry, Chia-Chen Teng, Richard H. Stanford, Vincent Willey, Brian Bennett, Michael Blaiss

Baseline characteristics and type 2 comorbidities among children, adolescents, and adult asthma patients receiving dupilumab: Insights from real-world US data — **PA4983**
Anne Laure TARDY (Gentilly, France), Nella Bieszk, Robert Lubwama, Joe Yang, Rachel Parry, Chia-Chen Teng, Richard H. Stanford, Vincent Willey, Brian Bennett, Michael Blaiss

Healthcare resource utilisation before and after dupilumab initiation in children with asthma: Analysis of US insurance claims — **PA4984**
Daniel Jackson (Madison, United States), Anne Laure TARDY, Nella Bieszk, Robert Lubwama, Joe Yang, Rachel Parry, Chia-Chen Teng, Richard H. Stanford, Vincent Willey, Brian Bennett, Michael Blaiss

FeNO suppression test in Children with Severe Asthma — **PA4985**
Alvaro Teijeiro (Córdoba, Argentina), Carolina Bustos, Silvia Gomez, Magdalena Vocos, Mirtha Raiden, Melina Moreno, Gimena Donth Leger, Juan Manuel Figueroa

"FeNO suppression testing in pediatric severe asthma: identifying non-adherence and corticosteroid resistance" — **PA4986**
Gabriela Peláez (Buenos Aires, Argentina), Magdalena Vocos, Gimena Donth Leger, Carlos Velasco, Tania Flores, Doris Primrose, Marcela Roque, Juan Manuel Figueroa, Verónica Giubergia

Relationship between Overweight-Obesity, Lung Function, and FENO in Children with Moderate and Severe Asthma: A Cross-Sectional Analysis — **PA4987**
Alvaro Teijeiro (Córdoba, Argentina), Silvia Gomez, Gimena Donth Leger, Magdalena Vocos, Carolina Bustos, Mirtha Raiden, Carlos Velazco, Tania Flores, Doris Primrose, Melina Moreno, Marcela Roque, Juan Manuel Figueroa

Implementing Evidence into Practice: A Cluster Randomised Trial of a Letter-Based Intervention to Increase Preventer Prescription Collection in Children with Asthma — **PA4988**
RAMI ALYAMI (Jazan, Saudi Arabia), Phillip Oliver, Rebecca Simpson, Ric Campbell, Steven Julious

Cost-effectiveness analysis of breath testing for early asthma in preschool wheezers — **PA4989**
Selena Odeh (Maastricht, Netherlands), Mostafa Hassanein, . Brigitte Essers, Tamara Went, Laura de Haan, Michiel Bannier, Quirijn Jöbsis, Edward Dompeling

The impact of intervention on the quality of life in wheezing preschoolers — **PA4990**
Selena Odeh (Maastricht, Netherlands), Tamara Went, Mostafa Hassanein, Sophie Kienhorst, Michiel Bannier, Quirijn Jöbsis, Edward Dompeling

Pre-school wheezing and asthma challenges: towards a more inclusive and lived experience led pathway. — **PA4991**
Felipe Moreira (Nottingham, United Kingdom), Erol Gaillard, Hilary Pinnock, Carolyn Tarrant, David Lo

PS-25 Session 445 08:00 - 09:30

Poster session: From discovery to decision: translational science that changes transplantation outcomes

Disease(s) : Pulmonary vascular diseases Respiratory critical care Interstitial lung diseases Airway diseases Thoracic oncology

Method(s) : Cell and molecular biology Physiology Respiratory intensive care Transplantation Surgery General respiratory patient care Epidemiology Imaging Pulmonary rehabilitation Endoscopy and interventional pulmonology Pulmonary function testing

Tag(s) : Basic science, Clinical, Translational

Chairs : Feđa Džubur (Zagreb, Croatia), Eva Revilla Lopez (Barcelona, Spain), Maja Omcikus (Beograd, Republic of Serbia)

Late Breaking Abstract - Bronchoscopic In Vivo O2C Assessment Reveals Early Perfusion Recovery After Lung Transplantation and Persistent Microcirculatory Impairment Associated with CLAD — **PA4992**
Gani Oruqaj (Gießen, Germany), Johannes Bewersdorff, Kevin Lo, Stefan Kuhnert, Learta Pervizaj-Oruqaj, Andreas Hecker, Martin Reichert, Janine Sommerlad, Sebastian Harth, István Vadász, Werner Seeger, Friedrich Grimminger, Khodr Tello, Natascha Sommer, Matthias Hecker

A randomized controlled trial of cryobiopsy versus forceps for transbronchial lung biopsy — **PA4993**
Jeffrey Thiboutot (Baltimore, United States), Ardian Latifi, Peter Illei, Christopher Kapp, Fabien Maldonado, Sonali Sethi, Christopher Gilbert, Momen Wahidi, Andrew DeMaio, Ashutosh Sachdeva, David DiBardino, Anil Vachani, Nicholas Pastis, Miranda Jones, Najib Rahman, Gerard Silvestri, Lonny Yarmus

Evaluation of adherence, satisfaction, and impact of telemonitoring in lung transplant recipients followed at Strasbourg University Hospital — **PA4994**
Eloi Sallaberry (Strasbourg, France), Maxime Furstenberger, Laure Dheurle, Tristan Dégot, Sophie Freudenberger, Romain Kessler, Francoise Klein, Armelle Schuller, Fawwaaz Nassurally, Benjamin RENAUD-PICARD

Association of short telomeres with increased mortality in COPD lung transplant candidates Alban De Decker (Nivelles, Belgium), Inès Jadot, Michel Dumonceaux, Ana-Andreea Falticeanu, Marie-Astrid van Dievoet, Antoine Froidure, Thomas Planté-Bordeneuve, François Carlier	**PA4995**
Vascular immune activation and chimerism in a murine lung transplantation model of chronic rejection Charlotte Hooft (Leuven, Belgium), Xin Jin, Fran Prenen, Pieterjan Kerckhof, Hanne Beeckmans, Arno Vanstapel, Martina Mercurio, Marta Zapata Ortega, Gitte Aerts, Vincent Geudens, Lise Vanvuchelen, Anse Somers, Lara Verbeylen, Cedric Vanluyten, Annalisa Barbarossa, Yousry Mohamady, Balin Özsoy, Andrea Zajacova, Birger Tielemans, Saskia Bos, Laurens De Sadeleer, Laurent Godinas, Philippe E Van den Steen, Laurens J Ceulemans, Robin Vos, Bart M Vanaudenaerde	**PA4996**
Lung transplantation for interstitial lung disease: a northern ireland cohort study Nieve Martin (belfast, United Kingdom), Andrew Fisher, Hazel Muse, Siobhan Donnelly, Andrea Green, Liam Polley, Patricia Mcintyre, Anne Mccord, Rory Convery, Conor Hagan, Karol Henry, Margaret Mccloskey, Jan Kara, Terence McManus, Pauline Mckenna, Federick Okpoko, Kathy Cullen, John Lindsay, Sandra Taylor-stratford, Ann Box, Paul Minnis, Alexander John, Diarmuid Mcnicholl, Catherine Kelly, Martin Kelly, Peter Ball, Dermot Linden, Ahmed Shamboul, Elaine Jackson, Colin Rutherford, Nur Farah Hanee Mohammad Anuar, Sameerah Mohammed Mohammed, Alexander Clarke, Maryam Albelushi, Eve Gardiner, Menna Aboaly, Lavanya Sarup, Ava Mathews, Rebecca Connor, Nazia Chaudhuri	**PA4997**
"How low is low?" Asian-specific BMI and post-lung transplant outcomes in a Hong Kong cohort Bingling Xu (Hong Kong, Hong Kong), See Wan Yan, Chi Fong Wong, Chun Yu Cheung, Siu Leung Fung, Ka Lai Cally Ho	**PA4998**
Outcomes of lung transplantation with perioperative extracorporeal membrane oxygenation: a single-center retrospective analysis comparing VA versus VAV configurations. Benedetta Cavazzutti (BERGAMO, Italy), Marta Beretta, Stefaia Camagni, Simone Fedeli, Lorenzo Stehpan Cesare Grazioli, Gianluca Imeri, Ferdinando Luca Lorini, Domenicollorini@asst-pg23.it Pinelli, Federico Raimondi, Fabiano Di Marco	**PA4999**
The critical relationship between tacrolimus levels, acute kidney injury, and early chronic lung allograft dysfunction Ignaz Briegel (München, Germany), Roman Hauber, Luca Kohlhepp, Tobias Veit, Jürgen Barton, Bruno Meiser, Christian Schneider, Teresa Kauke, Rudolf Hatz, Dominik Hoechter, Nikolaus Kneidinger, Jürgen Behr	**PA5000**
Targeting the Glutamine Metabolism-Mitochondrial Dynamics Axis Dysfunction Enhances Donor Lung Preservation in Lung Transplantation Tian Jiang (Shanghai, China), Renhui Huang, Changhao Ren, Zhiwang Zhao, Dongni Hou, Tiantao Sun, Jun Yin, Lijie Tan	**PA5002**
Lung and diaphragm ultrasound in post-lung transplantation follow-up: relevance of an aeration score for early detection of complications, a prospective study Jordan Lavenuta (Strasbourg, France), Maxime Furstenberger, Justine Leroux, Arnaud Siegel, Tristan Dégot, Sandrine Hirschi, Armelle Schuller, Fawwaaz Nassurally, Pierre-Emmanuel Falcoz, Anne Olland, Charles Tacquard, Romain Kessler, Benjamin RENAUD-PICARD	**PA5003**
Clinical implications of 1 year and persistent baseline lung allograft dysfunction (BLAD) on long-term survival after bilateral lung transplantation Junghee Jung (Seoul, Republic of Korea), Tae Sun Shim, Sang-Bum Hong, Kyung-Wook Jo, Ho Cheol Kim, Jee Hwan Ahn, Dong-Gon Hyun, Su Yeon Lee, Seung-Il Park, Dong Kwan Kim, Sehoon Choi, Geun-dong Lee, In Ha Kim, Sumin Lee	**PA5004**
Broncho-alveolar lavage fluid (BALf) levels of hyaluronic acid represent an useful biomarker of inflammation and correlate with poor transplant outcomes Elena Salvaterra (Padova, Italy), Serena Bellani, Beatrice Molena, Francesca Lunardi, Jacopo Torzo, Paola Fogar, Matteo Daverio, Davide Biondini, Marta Tonello, Marta Vadori, Marco Schiavon, Martina Montagnana, Andrea Dell'Amore, Andrea Vianello, Fiorella Calabrese, Federica Meloni	**PA5005**
Influence of C1q assay on waiting list time in highly sensitised lung transplant candidates: a retrospective cohort study. Fátima Lorena Merchán Molero (Madrid, Spain), Manuel José del Rey Cerros, Alejandro León Bayán, Ignacio Contreras Panero, María Ruíz Rodríguez, Juan Margallo Iribarnegaray, Virginia Luz Pérez González, Carlos Andrés Quezada Loaiza, Alicia de Pablo Gafas, Rodrigo Alonso Moralejo	**PA5006**
Challenges in access and referral for lung transplantation in IPF: Data from the EMPIRE registry Nora Melinda Toth (Budapest, Hungary), Mordechai R Kramer, Martina Šterclová, Veronika Müller, Katarzyna B Lewandowska, Nesrin Mogulkoc, Marta Hájková, Michael Studnicka, Jasna Tekavec-Trkanjec, Sanja Dimic-Janjic, Anton Penev, Zoran Arsovski, Jakub Gregor, Petra Ovesná, Martina Koziar Vašáková	**PA5007**

Distinct endothelial compositional and transcriptional states characterise pulmonary chronic GVHD phenotypes **PA5008**
Marta Zapata Ortega (Leuven, Belgium), Elif Olken, Hanne Beeckmans, Pieterjan Kerckhof, Charlotte Hooft, Martina Mercurio, Vincent Geudens, Gitte Aerts, Andrea Zajacova, Lise Vanyuchelen, Xin Jin, Lara Verbeylen, Birger Tielemans, Cedric Vanluyten, Annalisa Barbarossa, Balin Özsoy, Anse Somers, Yousry K. Mohamady, Emmanuela Cortesi, Helene Schoemans, Theodoros Kapellos, Saskia Bos, Bernard Thienpont, Laurens J. De Sadeleer, Laurent Godinas, Berta Sáez-Giménez, Laurens J. Ceulemans, Naftali Kaminski, Ali Önder Yildirim, Robin Vos, Bart M. Vanaudenaerde

Remote patient monitoring: post–lung transplant outcomes and healthcare utilization **PA5009**
Sadia Shah (Jacksonville, United States), Amy Roberson, Denise Heidt, Tamara Zimmerman, Kaylie Yost, Abby Waldek, David Holden, Karen Mayes, Alvin Gallardo, Sovanna Pham, Olivia Pogodzinski, Patricia Flowers, Ronnie Owen, Kenan Gungor, Maher Baz, John Haney, Brian Cruddas, Burcin Taner

Impact of high presensitization (virtual panel reactive antibodies >50%) in lung transplant recipients: a retrospective cohort study. **PA5010**
Fátima Lorena Merchán Molero (Madrid, Spain), Manuel José del Rey Cerros, Ignacio Contreras Panero, Alejandro León Bayán, María Ruíz Rodríguez, Virginia Luz Pérez González, Juan Margallo Iribarnegaray, Carlos Andrés Quezada Loaiza, Alicia de Pablo Gafas, Rodrigo Alonso Moralejo

The role of impulse oscillometry (IOS) in the follow-up of lung transplant recipients **PA5011**
Frosina Ilovski (Ljubljana, Slovenia), Zala Leštan Ramovš, David Urban Lestan, Tomaž Štupnik, Sabina Škrgat, Matevž Harlander, Nadja Koren Pucelj

PS-26 Session 446 08:00 - 09:30

Poster session: Breathing matters: clinical insights from respiratory testing

Disease(s) : Airway diseases | Interstitial lung diseases | Sleep and breathing disorders | Thoracic oncology | Pulmonary vascular diseases

Method(s) : Epidemiology | General respiratory patient care | Pulmonary function testing | Pulmonary rehabilitation | Physiology | Public health

Tag(s) : Clinical

Chairs : Miranda Sam - Spitteler (Zwolle, Netherlands), Matthew Rutter (Cambridge (Cambridgeshire), United Kingdom), Joyce Wu (Toronto, Canada)

Late Breaking Abstract - Bench validation of Vyntus CPX gas-exchange measurements up to 6 L/min by metabolic simulator **PA5012**
Herman Groepenhoff (Lijnden, Netherlands), Carsten Petersen, Rasmus Bischoff

Prognostic Value of the FEV_1 Quotient for All-Cause Mortality in Idiopathic Pulmonary Fibrosis **PA5013**
Charlotte Hurst (Stoke-on-Trent (Staffordshire), United Kingdom), Helen Stone, Naveed Mustfa, Ian Cliff

FEV_1Q as a Predictor of Hypoxic Challenge Test Outcome in Motor Neurone Disease **PA5014**
Ian Cliff (Stoke-on-Trent, United Kingdom), Charlotte Hurst, Helen Stone, Naveed Mustfa

FEV_1Q as a Predictor of Hypoxic Challenge Outcome in Interstitial Lung Disease **PA5015**
Ian Cliff (Stoke-on-Trent, United Kingdom), Charlotte Hurst, Raja Muthusami, Shiva Bikmalla, Helen Stone

Long-term mortality in IPF: ODDS score validation versus single and composite 6MWT parameters **PA5016**
Lucy Robertson (Cambridge (Cambridgeshire), United Kingdom), Helen Parfrey, Gauri Saini, Muhunthan Thillai, Benjamin Knox-Brown

Gas transfer measurement and oxygen therapy initiation in patients with progressive fibrotic interstitial lung disease **PA5017**
Luke Youngs (Hastings, United Kingdom), Robyn Inskip, Rosemary Boorsma

Bronchodilator responsiveness in asthmatic children with normal spirometry: FEV_1- versus PEF-based GINA 2025 criteria **PA5018**
Soumaya Rebay (Ariana, Tunisia), Khouloud Kchaou, Chaima Briki, Soumaya Khaldi, Yacine Ouahchi

Is Wearable and Cost-Effective FEV1/FVC Measurement Device Possible? **PA5019**
Ceren Derya Gültekin (Ankara, Türkiye), Talha Kiliç, Aysel Yıldız Özer, Mine Gülden Polat

The effect of patient race on the accuracy of pulse oximetry readings during CPETs **PA5020**
Abdul-Rasaq Yakubu (Cambridge, United Kingdom), Benjamin Knox-Brown, Karl Sylvester, Joshua Barnes, Lucy Robertson

Difference airflow obstruction stage defined by spirometry and development to chronic lung disease, asthma, and cardiovascular disease: Findings from a 14-year prospective cohort in ELSA cohort — **PA5021**
Lifei Lu (Guangzhou, China), Kefan Wu, Yubiao Chen, Jiacheng Ding, Heshen Tian, Xiangqing Hou, Huajing Yang, Yuqiong Yang, Zhenyu Liang

Construction and validation of simulated cases for different asthma severity levels in a controlled environment using the ASL 5000 simulator — **PA5022**
Thaiza Teixeira Xavier Nobre (Natal (RN), Brazil), Layane Santana Pereira Costa, Emily Gomes Paiva, Camilla Beatriz Coutinho da Fonseca, Maria Eduarda Moura Maciel, Emanuel Fernandes F Silva Júnior, Lucas Fernando Cavalcanti de Amorim, Guilherme Ferreira Máximo, Jairo Cândido Gonzaga Neto, Maria Luísa Brandão de Luna Barros, Guilherme Tito Farias de Melo, Pedro Vinícius Porfírio, Wagner Souza Leite, Geraldo Maia Junior, Herbert Leitão, Caio César Araújo Morais, Daniella Cunha Brandão, Armele Dornelas de Andrade, Shirley Campos

Saw-tooth pattern of flow–volume curves in routine spirometry: prevalence, clinical and spirometric characteristics — **PA5023**
Soumaya Rebay (Ariana, Tunisia), Khouloud Kchaou, Saba Boubakri, Soumaya Khaldi, Yacine Ouahchi

Has the population of patients with chronic obstructive pulmonary disease (COPD) attending pulmonary rehabilitation changed over the last decade? — **PA5024**
Liv Karin Vesteng (Jessheim, Norway), Christine Gudim Karlsen, Anita Grongstad

Impact of nasal airway resistance on respiratory muscle strength and oxygenation in healthy adults — **PA5025**
Zeliha Celik (Ankara, Türkiye), Gurkan Demirtas, Nevin A. Guzel, Emirhan Akyol, Suleyman Cebeci

Positive effects of sophrology for patients with apprehension before undergoing pulmonary function tests — **PA5026**
Thomas Gille (Bobigny, France), Stéphanie Groutteau, Yousra Ben Ali, Anabel Moreno, Laura Monteiro d'Hzevedo, Elena Jimenez, Simon Chauveau, Carole Planès, Murielle Letournel, Lucile Sesé

Preoperative Assessment in Thoracic Surgery Patients: DLCO or KCO in the Evaluation Algorithm — **PA5027**
Vasileios Papavasileiou (Chaidari, Greece), Elvira-Markela Antonogiannaki, Sofoklis Mitsos, Vasileios Paraschou, Franceska Strakosha, Nikolaos Korodimos, Michail Thomaidis, Periklis Tomos, Stelios Loukides, Panagiotis Lyberopoulos

Clinical and Functional Heterogeneity of COPD Phenotypes: A Multicenter Study from Turkey (DIPTUR Study) — **PA5028**
Ozlem Sengoren Dikis (Mugla, Türkiye), Tevfik Ozlu, Fulden Candas Turkis, Ceren Degirmenci, Ahmet Ilgazlı, Incı Gulmez, Burcu Yalcin, Gulistan Karadeniz, Yasemin Soyler, Hatice Selimoglu Sen, Aysel Sunnetcioglu, Nimet Aksel, Sibel Boga, Nurhan Sarioglu, Haci Ahmet Bircan, Aylin Capraz, Serap Argun Baris, Aycan Yuksel, Umut Sabri Kasapoglu, Sibel Arinc, Esra Yarar, Nur Aleyna Yetkin, Fusun Sahin, Ali Tabaru, Dildar Duman, Günhan Yavasoglu, Dursun Tatar, Mehmet Karadag, Kadir Coban, Ersin Alkilinc, Ebru Tas, Taha Tahir Bekci, Derya Kizilgoz, Buket Mermit, Murat Kavas, Hakan Alp Yılmazlı, Ilknur Basyigit, Esen Sayin Gulensoy, Meltem Agca, Filiz Alkan Baylan, Canan Bol, Berat Uslu, Gamze Celik

Pulmonary function among healthy adults residing at high altitude — **PA5029**
Anusmriti Pal (Kathmandu, Nepal), ManojKumar Yadav, Tanka Acharya

Evaluation of the effects of PAKDAM, an invented water pipe shape device, to get Nitrous Oxide and Oxygen only instead of tobacco smoke - Tehran 2024 — **PA5030**
Gholamreza Heydari (Tehran, Islamic Republic of Iran)

One-Third of Asymptomatic Adolescents Show Airway Limitation on School-Based Spirometry — **PA5031**
Abdul Mannan Mustafa (Multan, Pakistan), Ghulam Mustafa

PS-27 Session 447 08:00 - 09:30

Poster session: Psychological, social and behavioural dimensions of respiratory disease: assessment, mechanisms and management

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Public health | Pulmonary rehabilitation | Palliative care | Epidemiology | Respiratory intensive care

Tag(s) : Clinical, Translational

Chairs : Laura Wilde (Oxford, United Kingdom), Catherine Buchan (Melbourne, Australia), Eleonora Volpato (Graz, Austria)

Late Breaking Abstract - Giving voice to patients with severe asthma and CRSwNP: a mixed-methods analysis on disease burden, biologic therapy, and dosing preferences in Italy — **PA5032**
Maria Rosaria Mollo (Verona, Italy), Simona Barbaglia, Sandra Frateiacci, Veronica Seccia, Oliviero Rossi, Elisa Cosentino, Lara Bernardi

"How are you?" - Lung cancer patients' experiences during care in healthcare PRO Erika Pataki (Budapest, Hungary), Lívia Rojkó, Csaba L. Dégi, Kriszina Bogos	**PA5033**
Assessment of anxiety in COPD: A scoping review of questionnaires Camilla Fischer Christiansen (Vejle, Denmark), Anders Løkke, Ditte Krag-Hansen, Ingeborg Farver-Vestergaard	**PA5034**
An investigation of psychological factors related to mental health and wellbeing in adults with idiopathic pulmonary fibrosis in Ireland Elizabeth O'Brien (Dublin, Ireland), Alisa Oriol, Kate O'Reilly, Jaroslav Gottfried, Lynn Fox, Sonya Deschenes	**PA5035**
Assessing Dysfunctional Breathing in Patients with Uncontrolled Asthma: Reliability and Validity of the German Version of the Nijmegen Questionnaire (NQ) Markus Hayden (Bad Reichenhall, Germany), Matthias Limbach, Gabriele Schwarzl, Franziska Ebert	**PA5036**
Perceived stigma in COPD: A cross-sectional study of clinical and sociodemographic factors among 12,272 patients across five European countries Ingeborg Farver-Vestergaard (Vejle, Denmark), Minni R. Koivunen, Rikke Ibsen, Line Groth-Pedersen, Didier Cataldo, Jasmijn van Campen, Sigrid Vikjord, Hanna Sandelowsky, Anders Loekke	**PA5037**
Prevalence and impact of social isolation and loneliness among patients with chronic obstructive pulmonary disease Abdullah Alqarni (Jeddah, Saudi Arabia), Abdulelah Aldhahir, Rayan Siraj, Jaber Alqahtani, Hajed Al-Otaibi, Manar Alotaibi, Wajd Alrashidi, Ragad Alotaibi, Ahmed Alasimi, Omar Alqarni, Hassan Alwafi	**PA5038**
The moderating role of social support on the effect of anxiety on quality of life in patients with COPD. Büşra Nur Fındık (Nevşehir, Türkiye), hamza aydemir, Ergün Hasgül	**PA5039**
Influence of sociodemographic, clinical, and psychological factors on smoking cessation: A structural equation modeling analysis David Rudilla Garcia (Madrid, Spain), Almudena Rey, Alberto Amorós Forner, Abbes Riffai, Elena García Castillo	**PA5040**
Exploring the process of changing physical activity behavior – a qualitative study with people with chronic obstructive pulmonary disease Sara Lundell (Umea, Sweden), Anncristine Fjellman-Wiklund, Beatrice Pettersson	**PA5041**
A qualitative analysis of asthma clinicians' knowledge and experiences of working with patient beliefs that clash with medical advice. Kirsten Stewart-Knight (London, United Kingdom)	**PA5042**
Influence of Inhaler Mouthpiece Design on Patient Perception, Preference, and Inhaler Use Monbi Stefanova Chakma (London, United Kingdom), Sally Meah, Martyn Biddiscombe, Darragh Murnane, Omar S Usmani	**PA5043**
Exploring Perceptions and Usage Patterns of Non-Medicated Nasal Sprays for Congestion Relief: Highlighting the Need for Enhanced Consumer Education Sarah Costello (Weybridge, United Kingdom)	**PA5044**
PHlourish Programme (PP): a pilot study of a group Acceptance and Commitment Therapy (ACT) intervention to reduce anxiety and depression and promote wellbeing in pulmonary hypertension Elizabeth O'Brien (Dublin, Ireland), Sean Gaine, Sarah Cullivan, Brian McCullagh, Caitriona Minnock, Denise Lennon, Ciara McCormack	**PA5045**
Prevalence of anxiety, depression and impaired health-related quality-of-life among people with Chronic Respiratory Disease enrolled in a pulmonary rehabilitation trial (PuRe) in a rural Indian setting Premraj Parate (Pune, India), Dipali Dhamdhere, Diksha Singh, Sushil Singh, Yogita Sonawane, Vivek Patki, Vishal More, Victoria Hammersley, Narendra Javadekar, Parag Khatavkar, Hilary Pinnock, Dhiraj Agarwal	**PA5046**
From evidence to co-design: development of a targeted psychological intervention integrated into pulmonary rehabilitation in rural India Diksha Naresh Singh (Edinburgh, United Kingdom), Ruth McQuillan, Kirstie McClatchey, Dhiraj Agarwal, Hilary Pinnock	**PA5047**
Mental Health Benefits of Pulmonary Rehabilitation with Psychosocial Support in COPD: Rural India Feasibility Study Diksha Naresh Singh (Edinburgh, United Kingdom), Harshpreet Kaur, Diksha Singh, Sudipto Roy, Sanjay Juvekar, Hilary Pinnock, Dhiraj Agarwal	**PA5048**

Benefits of a tailored psychological intervention in patients with pulmonary fibrosis, regardless of disease severity or time since diagnosis: a pilot study **PA5049**
Jaume Bordas Martinez (Granollers, Spain), Eda Sara Persentili Viure, Raquel Cuevas Perez, Mireia Baiges Badia, Yolanda Galea Colón, Marta Jiménez Torrado, Miguel Sampayo Cordero, Maria del Pilar Ortega Castillo

Telemonitoring-guided self-management for chronic obstructive pulmonary disease exacerbations: a scoping review of trial design **PA5050**
Gitte Smorawski (Vejle, Denmark), Bodil Bjørnshave Noe, Lea Deichmann, Ingeborg Farver-Vestergaard, Finn Rasmussen, Anders Løkke

Emotional Breathlessness and Mental-Health Awareness in Chronic Respiratory Disease: UK National Survey Findings and Implications for Psychosocially Integrated Respiratory Care Policy **PA5051**
Devi Sundar (London, United Kingdom)

PS-28 Session 448 08:00 - 09:30

Poster session: Multidimensional perspectives in pulmonary rehabilitation

Disease(s) : Airway diseases | Pulmonary vascular diseases | Respiratory critical care | Interstitial lung diseases

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Physiology | Public health | Pulmonary function testing | Respiratory intensive care

Tag(s) : Clinical

Chairs : Stéphanie Saxer (St. Gallen, Switzerland), Martijn A. Spruit (Horn, Netherlands), Hazal Sonbahar Ulu (Antalya, Türkiye)

Late Breaking Abstract - Developing a laughter-based intervention for people with bronchiectasis (SPLASH): early stakeholder insights on feasibility and acceptability **PA5052**
Arietta Spinou (London, United Kingdom), Laura Wilde, Lais Caires, Jamie Blake Holmes, Abu Bakar Siddique, Patrick White, Emma Godfrey, Salma Ayis, Adam Lewis, Caroline Jolley

Comparison of the effects of inspiratory muscle training and high-intensity interval exercise training on oxygen consumption, muscle oxygenation, and fatigue in patients with post-COVID-19 syndrome and pulmonary involvement **PA5053**
Başak Kavalcı Kol (Kırşehir, Türkiye), Meral Boşnak Güçlü, Ece Baytok, Nilgün Yılmaz Demirci

Technical validity of data transmission from connected devices to an application used for pulmonary telerehabilitation. **PA5054**
Jean-Paul El Sayegh (Rouen, France), Francis-Edouard Gravier, Augustin Clet, Adrien Kerfourn, Jean-François Muir, Antoine Cuvelier, Fairuz Boujibar, Ingrid Banovic, Lucy Dupont, Catherine Viacroze, Elise Artaud-Macari, Zoe McKeough, Tristan Bonnevie

Clinical efficacy of a pulmonary telerehabilitation model - A prospective observational feasibility study. **PA5055**
Jean-Paul El Sayegh (Rouen, France), Francis-Edouard Gravier, Augustin Clet, Adrien Kerfourn, Jean-François Muir, Antoine Cuvelier, Fairuz Boujibar, Ingrid Banovic, Lucy Dupont, Catherine Viacroze, Elise Artaud-Macari, Zoe McKeough, Tristan Bonnevie

The effectiveness of dual-task training in individuals with chronic obstructive pulmonary disease: a six-month follow-up **PA5056**
Begum Unlu (Istanbul, Türkiye), Aysel Yıldız Özer, Elif Yıldırım, İpek Ozmen, Mine Gülden Polat

The effect of disease-related knowledge level on lung function and health status in COPD patients **PA5057**
Beyza Bekdemir (Ankara, Türkiye), Baki Umut Tuğay, Sabri Serhan Olcay

USE OF SUPPLEMENTAL OXYGEN DURING PULMONARY REHABILITATION FOR PEOPLE WITH CHRONIC RESPIRATORY DISEASES: A SURVEY OF LATIN AMERICA PHYSIOTHERAPISTS' KNOWLEDGE **PA5058**
Thiago Henrique da Silva Martins (Belo Horizonte, Brazil), Bianca Louise Carmona Rocha, Liliane Patrícia de Souza Mendes, Cristino Carneiro Oliveira, Marcelo Velloso

Pulmonary rehabilitation as a palliative intervention in oxygen-dependent patients with idiopathic pulmonary fibrosis under antifibrotic therapy **PA5059**
Salvatore Musella (Napoli, Italy), Elena Sciarrillo, Roberto Rega, Concetta Esposito, Sabrina Gentile, Raffaella Manzo, Pasqualina Gaglione, Maurizia Lanza, Ilernando Meoli, Anna Annunziata, Giuseppe Fiorentino

Development of an integrated electronic medical record clinical escalation pathway for home pre-habilitation monitoring in lung transplant candidates **PA5060**
Lisa Wickerson (Toronto (ON), Canada), Tamires De Mori, Chaya Gottesman, Iris Wang, Aman Sidhu

Differential response of physical capacity to pulmonary rehabilitation among patients with Chronic Obstructive Pulmonary Disease – a systematic review. **PA5061**
Isis Van Raemdonck (Antwerp, Belgium), Yara Vanuytrecht, Janne van Waterschoot, Dirk Vissers, Thérèse Lapperre, Henrik Hansen

Effectiveness of Physiotherapy interventions for breathlessness and cough in ILD **PA5062**
Eloise Beeching (Hereford, United Kingdom), Claire Walker, Anne-Marie Russell, Christopher Huntley

Effects of synchronous telerehabilitation in patients with pulmonary arterial hypertension: preliminary results **PA5063**
Begum Unlu (Istanbul, Türkiye), Mehmet Armağan, Çağrı Zorlu, Aysel Yıldız Özer, Mine Gülden Polat

Effects of supplemental oxygen or training at 1600m on endurance-gain during pulmonary rehabilitation in COPD patients with exercise-induced desaturation **PA5064**
Spencer rezek (Zürich, Switzerland), Lea Hiltbrunner, Syimyk Azizbekov, Nurdin Shakiev, Talant Sooronbaev, Martijn Spruit, Silvia Ulrich, Stephanie Saxer

DYCARE REHUB: VALIDATION OF A TELE-REHABILITATION PLATFORM IN THE RESPIRATORY SETTING **PA5065**
Macarena Segura Medina (Barcelona, Spain), Paula Pujal Montaña, Carme Puy Rion, Luis Paz del Rio, Alicia Borras Santos, Ines Fernandez Rosso, Jordi Real Gatius, Patricia Peñacoba

Early Metronome-Guided, Device-Free Respiratory Physiotherapy in Acute Pneumonia: A Pilot Randomized Controlled Study **PA5066**
berfin altun (ankara, Türkiye), Manolya Acar, Sevgi İkbali Avşar

Feasibility of virtual pulmonary rehabilitation for dyspnoea reduction in chronic smokers without established COPD: a pilot controlled study **PA5067**
JAY PATEL (BENGALURU, India), S Jeyakumar

Quality of life and symptom burden in patients with interstitial lung disease (ILD) attending pulmonary rehabilitation **PA5068**
Maia Åsheim Lande (Jessheim, Norway), Christine Gudim Karlsen, Anita Grongstad

Improving access and reducing waiting times to Pulmonary Rehabilitation (PR) through early structured triage: A Quality Improvement Study **PA5069**
Maria Koulopoulou (London, United Kingdom), Sarah Bulkeley, Jordan Moore, Cristiano Van Zeller, Laurence Palfreyman, Andrea Cortes

Effects of combined aerobic and diaphragmatic breathing training on respiratory functions and aerobic capacity in choir singers **PA5070**
Sıla Yılmaz (İstanbul, Türkiye), Ayşe Nur Tunalı Van Den Berg

PS-29 Session 449 08:00 - 09:30

Poster session: Respiratory infections: mechanisms and inflammatory phenotypes

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Cell and molecular biology Public health General respiratory patient care Endoscopy and interventional pulmonology Respiratory intensive care Epidemiology Transplantation

Tag(s) : Basic science, Translational

Chairs : Lídia Perea (Barcelona, Spain), Nikolaos I. Kanellakis (Oxford, United Kingdom), Grant Waterer (Perth (WA), Australia)

Late Breaking Abstract - Gut mycobiota alteration contributes to the pathogenesis of Pneumocystis pneumonia **PA5071**
Yuxi Chen (, China), Hanyujie Kang, Baolu Yang, Lin Feng, Renyang Tong, Zhiling Zhao, Lirong Liang, Xuyan Li, Xiaoyan Liu, Zhaohui Tong

Bacterial pathogens and E-cigarette vapour synergistically enhance pro-inflammatory cytokine release in lung epithelial cells, leading to altered radiosensitivity. **PA5072**
Mo'tasem Alshdaifat (Belfast, United Kingdom), Micheal Tunney, Jonathan Coulter, Deirdre Gilpin

Integrative scRNA-seq and Bulk RNA Profiling Reveals Heterogeneous T-cell Landscapes and Identifies Novel Diagnostic Biomarkers in Community-Acquired PneumoniaFrom Computational Prediction to Clinical Validation **PA5073**
Haoda Yu (Wuxi, China), Huachi Jiang, Xiaodong Fan, Shufang Zhou, Jia Hua, Liang Zhang, Chu Qin

Neutrophil Markers in Community Acquired Pneumonia: Associations With Aetiology and Disease Course Christopher Alexander Hinze (Hannover, Germany), Milad Pashai Fakhri, Jessica Rademacher, Julia Held, Sabina-Marija Janciauskiene, Jan Fuge, Mathias W Pletz, Grit Barten-Neiner, Gernot Rohde, Jan Rupp, Martin Witzenrath, C CAPNETZ Study Group	**PA5074**
Influence of infective serotype on the precocity and magnitude of inflammatory response in bacteremic pneumococcal pneumonia Francisco Sanz Herrero (Valencia, Spain), Luis Alberto Ruiz Iturriaga, Marta María García Clemente, Leire Serrano Fernández, Ane Uranga Echeverría, Noelia Carrión Collado, Ainhoa Gómez Bonilla, Estrella Fernández-Fabrellas	**PA5075**
Mechanism of S100A4 on enhancing the immune-suppressive function of MDSCs in Pseudomonas aeruginosa lung infection Yingqi Lyu (Shanghai, China), Feiyang Wang, Wanmei Song, Yanan Li, Jieming Qu	**PA5076**
Deciphering the gut-lung axis: Agathobacter mitigates bacterial pneumonia risk via metabolic pathways Taikang Yao (beijing, China), Zhenchao Wu, Hanyu Fu, Jingjin Tan, Jiajia Zheng, Ming Lu, Ning Shen	**PA5077**
Mesenchymal Stromal Cell-Derived Extracellular Vesicles Inhibit Biofilm Formation in Drug-Resistant Pseudomonas aeruginosa Pneumonia via Glutathione Metabolism Mengmeng Shi (Shanghai, China), Yuxuan Zhang, Jieming Qu	**PA5078**
Absolute quantitative metagenomics uncovers disease-specific microbial burdens and host immune landscapes in pulmonary diseases: a multi-omics machine learning study xin wang (Chengdu, China), Zhoufeng Wang, Dan Liu, Weimin Li	**PA5079**
Bronchoalveolar Lavage Cellular Patterns in Pneumocystis jirovecii Pneumonia Jonathan Röcken (Basel, Switzerland), Ekrem Temizel, Katrin E. Hostettler, Spasenija Savic, Corinne Allgeier-Smith, Jürgen Hetzel, Silviu Chirila	**PA5080**
Integrated lung metagenomic and transcriptomic profiling of diabetic patients with pneumonia: A multicenter prospective study Qianqian Zhao (, China), Min Zhou	**PA5081**
CRP, alone or as a feature of Machine Learning classifier models, does not differentiate viral CAP Nurlan Dauletbaev (Marburg, Germany), Felix Bornhausen, Hendrik Pott, Max Kutzinski, Barbara Weckler, Anna Lena Jung, Wilhelm Bertrams, Katja Hartmann, Marie Metzelder, Claus Franz Vogelmeier, Gernot Rohde, Bernd Schmeck	**PA5082**
Early Legionnaires' disease after lung transplantation: transmission from drowned donor Mathilde Phillips Houlbracq (Suresnes, France), Olivier Brugière, Marie-Alice Colombier, Lucie Limousin, El hadi El Ghouati, Ciprian Pricopi, Anne-Gaëlle Si Larbi, Sophie Jarraud, Charles Cerf	**PA5083**
The effects of Streptococcus mitis and its lactate-derived product on alveolar macrophages during Escherichia coli pneumonia Ana Motos Galera (Nantes, France), Virginie Le Mabecque, Fanny Roux, Pierre Martin, Emmanuel Montassier, Lise Crémet, Antoine Roquilly	**PA5084**
Performance of stability criteria for community-acquired pneumonia in elderly patients admitted to an internal medicine ward Lucia Alcaro (Tolmezzo, Italy), Michele Battellino, Paolo Agostinis	**PA5085**
N6-methyladenosine modification-tuned neutrophil chemotaxis and activity controls lung immune homeostasis via regulating alveolar macrophage pyroptosis Rui Fan (Shanghai, China)	**PA5086**
Mycoplasma pneumoniae infection and macrolide resistance in hospitalized adults. Diana Ergle (Riga, Latvia), Viktorija Lodeikina, Viktorija Lodeikina, Inese Muceniece, Inese Muceniece, Andrei M. Darie, Anna Salina, Anna Salina	**PA5087**
Respiratory Commensal Streptococcus Regulates Innate Immunity to Protect Against Influenza Infection Xiaohui Zou (Beijing, China), Bo Liu, Bin Cao	**PA5088**
When Pathogens Collide: Do Viral-Bacterial Coinfections Worsen Outcomes in Hospitalized CAP Patients? Pablo Giménez Ruiz (Valencia, Spain), Paco Sanz Herrero, Noelia Carrión Collado, María Herrero Silvestre, Cintia Muñoz Quiles, Estrella Fernández Fabrellas, Alejandro Orrico Sánchez	**PA5089**

Inflammatory and coagulation phenotypes in hospitalized patients with bacterial pneumonia: a real-world retrospective study PA5090
Kseniia Bielosludtseva (Cambridge, United Kingdom), Mariia Krykhtina, Olha Cherkasova, Tetyana Pertseva

PS-3 Session 450 08:00 - 09:30

Poster session: Pulmonary rehabilitation across the chronic and acute care spectrum

Disease(s) : Airway diseases Interstitial lung diseases Respiratory critical care

Method(s) : Pulmonary rehabilitation General respiratory patient care Epidemiology

Tag(s) : Clinical

Chairs : Janos Tamas Varga (Budapest, Hungary), Narelle Cox (Melbourne (VIC), Australia), Jessica Walsh (Camperdown, Australia)

Can population health dashboards help identify high risk patients for Pulmonary rehabilitation (PR)? PA5091
Samantha Hayes (Liverpool (Merseyside), United Kingdom)

Predictors of referral to pulmonary rehabilitation in South East London PA5092
Laura Moth (London, United Kingdom), Jane Manners, William Man, Leyla Osman

Which patients are at highest risk of dropping out of pulmonary rehabilitation? PA5093
Dan Nguyen (Montreal, Canada), Benjamin Dionne, David Fung, Bryan Ross

'The focus when you're in the gym is on being well and getting well' - Experiences of patients undertaking pulmonary rehabilitation in private physiotherapy and exercise physiology practices PA5094
Jessica Walsh (Camperdown, Australia), Marita Dale, Zoe McKeough, Jennifer Alison, Sarah Dennis

Increasing access to pulmonary rehabilitation through primary care: A randomised-controlled feasibility trial PA5095
Jessica Walsh (Camperdown, Australia), Marita Dale, Zoe McKeough, Jennifer Alison, Sarah Dennis

An exploratory analysis into the effect of eosinophilia on CCQ and exacerbation rate response to pulmonary rehabilitation in COPD PA5096
Bram van den Borst (Nijmegen, Netherlands), Jeannette B. Peters, Bas Robberts

Effect of monthly maintenance sessions on functional performance after pulmonary rehabilitation PA5097
Sara Pires Ferreira (Torres Novas, Portugal), Filipa Fernandes, Cecília Fonseca, Margarida Maurício, Ângela Gonçalves, Sofia Ferreira, Luís Ferreira

One-year survival after home-based pulmonary rehabilitation: a cohort study of 3,754 individuals with chronic respiratory diseases. PA5098
Sarah Gephine (Pérenchies, France), Justine Harmant, Maxime Leroy, Olivier Le Rouzic, Jean-Marie Grosbois

Impact of a pulmonary rehabilitation maintenance program on long-term healthcare resource utilization and costs in COPD patients: ancillary analysis from a real-life post-rehabilitation cohort PA5099
Farès Gouzi (Montpellier, France), Hélène Forthin, Léo Blervaque, Christian Préfaut, Yann Darolles, Daniel Bajon, Alain Didier, François Carbonnel

Study on Early Warning and Nursing Intervention Strategies for COPD Patients with Acute Exacerbation Based on Disease Perception Differences PA5100
Xiaojuan Liao (Chongqing, China)

Long-Term Outcomes of Outpatient Pulmonary Rehabilitation in COPD and Asthma-COPD Overlap: A 10-Year Retrospective Analysis PA5101
Yuko Sano (Chiba, Japan), Rokuro Matsuoka, Hajime Kurosawa

Pulmonary rehabilitation in COPD: Impact of fitness and quality of life change on long-term survival PA5102
Ahmed Suleman Haque (Gillingham, United Kingdom), Mohamed Abdalrahman, Lisa Vincent-Smith, Thomas Sanctuary, Suraj Rajput

Characteristics and Progression of Rehabilitation in Patients Undergoing Extracorporeal Membrane Oxygenation: A Retrospective Study PA5103
Won Kim (Seoul, Republic of Korea), Woo Chul Son, Hyeon Jeong Moon, Sang-bum Hong

Evaluating a multi-component intervention to improve post-hospitalisation pulmonary rehabilitation referrals PA5104
Elizabeth Eady (Harefield, United Kingdom), Selsabil Benbellil, George D Edwards, Matthew Roberts, Kerry Harding, Karen Ingram, Jenni Wenneberg, Samantha S Kon, William D-C Man

From evidence to practice: improving pulmonary rehabilitation referral at hospital discharge — a resident-led quality improvement project **PA5105**
Malaika Khalid (Salem, United States), Tekle Dartsimelia

Longitudinal changes in walking speed following hospitalisation for an exacerbation of COPD **PA5106**
Iram Qureshi (Leicester, United Kingdom), Cara Flynn, Omer Elneima, Hamish McAuley, Christopher Brightling, George Mills, Neil Greening

Improving COPD Care in Hospital and Beyond: Identifying the reasons behind COPD re-admissions at Mid Yorkshire Teaching NHS Trust **PA5107**
Muhammad Shafiq (Wakefield, United Kingdom), Dennis Hathey, Ruby Waters, Katie Holroyd, Sarah Boot, Anjali Gondker

Impact of respiratory virtual ward models on admission outcomes in COPD and Bronchiectasis: A retrospective cohort study in a UK district general hospital **PA5108**
Indrajit Sau (Sutton Coldfield, United Kingdom), Khaled Mohamed, Alaa El Akkawi, Meera George Koottummel, Preh Solangi

Symptoms and readmission to an acute respiratory infection virtual ward, for patients with an exacerbation of COPD **PA5109**
Angshu Bhowmik (Barnet (Hertfordshire), United Kingdom), Laura Graham, Joseph John, Emma Bright, Andrew Middleton, Deo-Joseph Ravelo

PS-30 Session 451 08:00 - 09:30

Poster session: Bronchiectasis: airway clearance, symptoms and patient-centred management

Disease(s) : Sleep and breathing disorders Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Imaging Cell and molecular biology Physiology Pulmonary rehabilitation Pulmonary function testing Respiratory intensive care

Tag(s) : Clinical, Translational , Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Charles Haworth (Cambridge, United Kingdom), Beatriz Herrero-Cortina (Zaragoza, Spain), Benedikt Jentzsch (Freiburg, Germany)

Mucociliary clearance in the lower airways in bronchiectasis: data from the BRILLIANT study **PA5111**
Erin Cant (Dundee, United Kingdom), Morven K Shuttleworth, Emma Johnson, Thomas Pembridge, Lucy Bidgood, Hollian Richardson, Jamie Stobo, Holly Lind, Kateryna Viligorska, Emma Jackson, Emily Ward, Daniela Alferes de Lima Headly, Rebecca Hull, Eve McIntosh, Hannah Dickson, Isavella Petrou, Qingyou Du, Chandani Hennayake, David W Connell, Helen Liddicoat, Adam Platt, Maria G Belvisi, Kristoffer Ostridge, Adnan Azim, Merete B Long, James D Chalmers, Amelia Shoemark

Airway Clearance Technique of Oscillation and Lung Expansion in Bronchiectasis with exacerbation: a multicenter randomized controlled clinical trial **PA5112**
Bei Mao (Shanghai, China), Yue Su, Hai-wen Lu, Shu-yi Gu, Jin-fu Xu

Clinical Benefits of an Oscillating Positive Expiratory Pressure Device in Patients with Bronchiectasis: Interim results from Barcelona study **PA5113**
Maria Cinta Cumpli Gargallo (Barcelona, Spain), María Cinta Cumpli-Gargallo, Marina Sainz Hernández, Sheila Wang, David Sydor, Jason Suggett, Esther Barreiro

Efficacy of Nebulized N-Acetylcysteine for Improvement of Symptoms in Adults with Non-Cystic Fibrosis Bronchiectasis Patients: A Randomized Controlled Trial **PA5114**
Supiya Kijlertsuphasri (Bangkok, Thailand), Yuda Sutherasan, Naparat Amornputtisathaporn

Clinical study on the efficacy of SIMEOX airway clearance device in Chinese patients with stable bronchiectasis **PA5115**
zhuozhe li (Shanghai, China), Liyang Li, Jiaxuan Ni, Xinjun Tang, Jing Bi, Wenwen Wang, Xiaodan Ye, Yuanlin Song

Personalized airway clearance techniques in acute exacerbation of non-cystic fibrosis bronchiectasis: the role of respiratory muscle strength **PA5116**
Aizhan Aminova (Nur-Sultan, Kazakhstan), Natalya Latypova, Alexey Pak

A comparison of outcome data from patients with access to specialist non-cystic fibrosis bronchiectasis clinics versus those seen in general respiratory outpatient clinics: a review of EMBARC registration data. Emily Ward (Dundee, United Kingdom), Jennifer Pollock, Stefano Aliberti, Francecso Blasi, Pieter Goeminne, Charles Haworth, Michael Loebinger, Eva Polverino, Felix Ringshausen, Michal Shteinberg, Megan L Crichton, Anthony De Soyza, Montserrat Vendrell, Pierre-Regis Burgel, Katerina Dimakou, Marlene Murris, Robert Wilson, Adam Hill, Rosario Menendez, Antoni Torres, Josje Altenburg, Wim Boersma, Stuart J Elborn, James Chalmers	**PA5117**
Role of nebulised amikacin as an 'adjunct' to standard care in recurrent exacerbation Bronchiectasis during acute care hospitalization and follow-up period of 52 weeks Shital Vishnu Patil (Latur (Maharashtra), India), Deepak Muthreja, Swati Patil, Gajanan Gondhali, Devang Kulkarni, Sanidhaya Tak, Ganesh Narwade, Ashok Kuwal, Rajesh Patil	**PA5118**
Validation of Hindi-version of Bronchiectasis Health Questionnaire Animesh Ray (new delhi, India), Prem Thilak	**PA5119**
Performance characteristics of the bronchiectasis health questionnaire (BHQ): Data from the EMBARC-BRIDGE study Holly Lind (DUNDEE, United Kingdom), Arietta Spinou, Pieter Goeminne, Michal Shteinberg, Anthony De Soyza, Stefano Aliberti, Josje Altenburg, Charles Haworth, Oriol Sibila, Eva Polverino, Michael Loebinger, Felix Ringshausen, Natalie Lorent, Katerina Dimakou, Raúl Méndez, Adelina Amorim, Anne Marie McLaughlin, Zoe Borrill, Robert Lord, Simon Finch, Francesco Blasi, Amelia Shoemark, James Chalmers	**PA5120**
Virtual reality hearing tests to monitor aminoglycoside-induced ototoxicity in respiratory patients Jamie Cheong (London, United Kingdom), Anand Shah, Presanna Premachandra, Lorenzo Picinali, Francis Drobniewski	**PA5121**
Distinct bacterial profiles according to structural lung disease in patients undergoing bronchial artery embolization for hemoptysis BEOMSU SHIN (Incheon, Republic of Korea), Ui Won Ko	**PA5122**
The chronic airways assessment test (CAAT) for evaluation of quality of life in bronchiectasis exacerbations treated with Outpatient Parenteral Antimicrobial Therapy (OPAT): data from a European Bronchiectasis Registry (EMBARC) Center. Apostolos Bossios (Stockholm, Sweden), Pia Ghosh, Malin Sande, Nikolaos Lazarinis, James. D. Chalmers, Anders Lindén	**PA5124**
Clinical Characteristics and Outcomes of Bronchiectasis Patients With Blood Eosinophilia: A Multicenter Cohort Study JUOCK NA (Cheonan-si, Chungcheongnam-do, Republic of Korea), Yu Ri Kang, Ju Ock Na	**PA5125**
Nebulised hypertonic saline to decrease pulmonary infections in people with primary or secondary chronic respiratory morbidity: a systematic review. Natalia Galaz Souza (Nottinghamshire, United Kingdom), Jennie Balls, Matthew Hurley, Hui-Leng Tan, Andrew Bush	**PA5126**
Polysomnographic Assessment of Sleep-Related Breathing Disorders in Patients with Non-CF Bronchiectasis Charlotte Sieber (Köln, Germany), Linda Kunz, Linus Bauer, Stefan Plein, Hanna Knop, Tobias Wintermantel, Agnieszka Ryba, Urte Sommerwerck	**PA5127**
Clinical Impact of Mucus Plugs in Bronchiectasis Alessandro De Angelis (Milano, Italy), Lidia Perea, Pau Marrades, Alessandra Iorfida, Nuria Mendoza, Rosanel Amaro, Pilar Martinez-Olondris, Jin You, Mariana Benegas, Marcelo Sanchez, Rosa Faner, Antonio Voza, Alvar Agusti, James D. Chalmers, Stefano Aliberti, Oriol Sibila	**PA5128**
Oscillometry for disease severity evaluation in bronchiectasis Marta Belotti (Padova, Italy), Virginia Santello, Giulia Marani, Daniele Previtero, Davide Biondini, Mariaenrica Tiné, Umberto Semenzato	**PA5129**

PS-31 Session 452 08:00 - 09:30

Poster session: Fungal and opportunistic pulmonary infections I: biology, biomarkers and host response

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Imaging Surgery Epidemiology Endoscopy and interventional pulmonology Pulmonary function testing Public health General respiratory patient care Respiratory intensive care

Tag(s) : Clinical, Translational

Chairs : Pradeesh Sivapalan (Gentofte, Denmark), Nousheen Iqbal (Karachi (Sindh), Pakistan), Markus Fally (Copenhagen, Denmark)

Late Breaking Abstract - Cbl-b limits macrophage proinflammatory activation in the early phase of Talaromyces marneffei infection feng ye (Guangzhou, China), Xiaotong Li, Yan Wang	**PA5130**
Airway anaerobic commensals are associated with distinct pro-inflammatory endotypes in individuals with chronic pulmonary aspergillosis Thea Jakobi (London, United Kingdom), Dareen Marghlani, Millie M. Jackson, Marina Kusumoto, Nikhil Patel, Darius Armstrong-James, Connell David, Aran Singanayagam, Anand Shah	**PA5131**
IL-17C as a Novel Biomarker for Improved Early Diagnosis of Invasive Pulmonary Aspergillosis Hongling Liu (guangzhou, China), Xidong Wang, Feng Ye	**PA5132**
Oral and inhaled corticosteroid use and the risk of pulmonary aspergillosis – a Danish population-based case-control study Alexander Jordan (Hellerup, Denmark), Bård-Emil Vang Gundersen, Louise Tønnesen, Jens-Ulrik Stæhr Jensen	**PA5133**
Multi-omics profiling of fungal balls in chronic pulmonary aspergillosis reveals a polymicrobial biofilm ecosystem and dysregulated host immunity Chan Liu (Shanghai, China), Matheus Mertz Ribeiro, Jian Yang, Liangyu Li, Jianxiong Li, Xianqiu Chen, Yude Wang, Le-Le Wang, Beibei Wang, Yiming Zhou, Jing Zhang, Jijin Jiang, Jielu Lin, Endrews Delbaje, Jin-Fu Xu, Gustavo Henrique Goldman, Shuo Liang	**PA5134**
Pathogen-Specific Oral Ecosystem Remodeling in COPD: Aspergillus, Not Candida, Disrupts the Microbiome-Metabolome Axis Yanmei Feng (Chongqing, China), Fengjie Tang, Shasha Tao, Rongqiang Liao, Youjing Yang	**PA5135**
Anti-IFN-γ Autoantibodies Impair B Cell-Mediated Antigen Presentation in Talaromyces marneffei Infection by Downregulating HLA Class II Expression via the IFN-γ/STAT1/CIITA Pathway Yaqin Wei (Shenzhen, China), Jianquan Zhang	**PA5136**
Asymptomatic Spread and Environmental Drivers of Pulmonary Cryptococcosis in China: A Multicentre Study Zhengtu Li (Guangzhou, China), Feng Ye, Jieming Qu	**PA5137**
A Nanoimmunomodulator for Synergy Therapy of Pulmonary Cryptococcosis via Arousing Natural Killer Cells Yutian Su (Guangzhou, China), Zhengtu Li, Hongling Liu, Feng Ye	**PA5138**
Developing a Prognostic Tool: Concurrent Galactomannan Positivity in Serum and Bronchoalveolar Lavage Fluid for Early Mortality Risk Stratification in Non-Neutropenic Invasive Pulmonary Aspergillosis Dezhu Tang (Chongqing, China), Qian Xiong, XiaoYing Luo, YanMei Feng	**PA5139**
β-glucan mediates LC3-associated phagocytosis in dendritic cells via the ATF6/CEBP-β/DAPK1 axis to clear Talaromyces marneffei Kaiduan Xie (shenzhen, China), Yaqin Wei, Ziqing Mai, Jinxin Zheng, Jianquan Zhang	**PA5140**
Galactomannan antigen of Talaromyces marneffei promotes Immune escape by impairing dendritic cell autophagy via the DC-SIGN/STAT3/Mcl-1 axis Jinxin Zheng (Shenzhen, China), Yaqin Wei, Ziqing Mai, Mianluan Pan, Kaiduan Xie, Jianquan Zhang	**PA5141**
Clinical Phenotyping of Polymyxin-Associated Nephrotoxicity and Phenotype-Specific Prognostic Utility of Neutrophil-to-Platelet Ratio in Carbapenem-Resistant Acinetobacter baumannii Infections Haixing Zhu (Shanghai, China), Jiebai Zhou,, Yun Feng	**PA5142**
Diagnostic Yield of Bronchoalveolar Lavage and Whole Lung Lavage in Patients with Hematologic Malignancies with Suspected Fungal Pneumonia Busra Nur Akkaya, Nilufer Yigit, Suleyman Utku Uzun, Erhan Ugurlu	**PA5143**
Patient flow through hospital wards: patterns, predictors, and outcomes in pneumonia patients Toby Falodun (Edinburgh, United Kingdom), John Masterson, Nazir Lone	**PA5144**
Recovery at 4-year from Long COVID among hospitalized and non-hospitalized patients. MIkael Björnson (Stockholm, Sweden), Anna Törnberg, Annie Svensson, Carl Hallberg, Anna Svensson-Raskh, Elisabeth Rydwik, Ulrika Holdar, Marcus Ståhlberg, Michael Runold, Magnus Sköld, Malin Nygren-Bonnier, Judith Bruchfeld	**PA5145**

Persistence of fatigue and its covariates after COVID-19 infection: A hospital-based study **PA5146**
Md Helaluzzaman Raqib (Dhaka, Bangladesh), Nizia Siddique

Comparative Analysis of Physical Versus Enzymatic Enrichment Strategies for Sputum Viral Metagenomic Sequencing **PA5148**
Xiaoxuan Yao (Beijing, China), Xiaohui Zou, Bin Cao

In-hospital mortality of immunocompromised patients with pneumonia: a retrospective bicentric study **PA5149**
Margherita Silani (Milano, Italy), Anna Stainer, Andrea Di Pasquale, Linda Bussini, Marco Mantero, Francesco Blasi, Michele Bartoletti, Antonio Voza, Stefano Aliberti

PS-32 Session 453 08:00 - 09:30

Poster session: Diagnostic challenges of tuberculosis infection and active tuberculosis

Method(s) : Imaging Cell and molecular biology Physiology Public health General respiratory patient care Epidemiology Endoscopy and interventional pulmonology Respiratory intensive care

Tag(s) : Clinical

Chairs : Matúš Dohál (Martin, Slovakia), Onno Akkerman (Groningen, Netherlands), Cristina Vilaplana (Badalona (Barcelona), Spain)

Late Breaking Abstract - Treatment outcomes of patients referred to the British Thoracic Society Multidrug-resistant Tuberculosis Clinical Advice Service: A Single Centre Experience **PA5150**
Ye Myat (London, United Kingdom), Jamilah Meghji, Laura Martin, Meg Coleman, Mirae Park, James Millard, Maddalena Cerrone, Anneka Chavda, Helen Durkan, Ardita Hoxha, Onn Min Kon

Clinical evaluation of exhaled breath aerosol sampling for tuberculosis diagnosis and drug resistance detection ,preliminary results in the Romanian cohort **PA5151**
Stoichita Alexandru (Bucharest, Romania), Ralitza Dekova, Maria del Mar Castro Noriega3, Madalina Burecu, Ancuta Andrei, Alexandru Daniel Radu, Cristina Teleaga, Elmira Ibraim, Kasra Karimi, Ankur Gupta-Wright

A retrospective study investigating if EBUS-TBNA is viable as the sole route for TB diagnosis **PA5152**
Stefano Palazzo (London, United Kingdom), Shweta Agrawal, Nirav Shah, Sivanantham Sasikumar

Bone marrow involvement in miliary tuberculosis **PA5153**
Imane El hamdani (Casablanca, Morocco), Zakaria Laklaai, Hanaa Harraz, Wafaa Jalloul, Khadija Chaanoun, Hanane Benjelloun, Nahid Zaghba

Activity of fusidic acid against Mycobacterium tuberculosis H37Ra in a human macrophage infection model **PA5154**
Nadiia Tytarenko (Badalona, Spain), Alicia Lacoma, Jim Werngren, Sven Hoffner, José Domínguez

Role of Dectin-1 and Mincle in regulating protective responses against extrapulmonary Mycobacterial infection **PA5155**
Akshita Singh (New Delhi, India), Vishal Sinha, Kanika Kalra, Krishnamurthy Natarajan

Circulating ESAT-6 as a non-sputum blood biomarker for triage of pulmonary tuberculosis across the infection spectrum **PA5156**
Sheng-Wei Pan (Taipei, Taiwan), Xiu-An Ye, Yen-Han Tseng, Jia-Yih Feng, Mei-Lin Ho

The Impact of Preprocessing on the Diagnostic Accuracy of Stool Xpert Ultra: A Prospective Multicenter Study in Taiwan **PA5157**
Hung-Ling Huang (Kaohsiung, Taiwan), Chih-Hsin Lee, Jann-Yuan Wang

Review of GeneXpert in Cases with A Past History of Tuberculosis (RECAP-TB) **PA5158**
Estee Soh (Singapore, Singapore), Jing Kai Lim, Jerlyn Woo, Caroline Choong

Diagnostic Value of Targeted Next-Generation Sequencing (tNGS) in Pleural Effusion for Tuberculous Pleurisy: A Real-World Retrospective Cohort Study **PA5159**
Cai Li (Chongqing, China), Yajuan Chen

Evaluation of gastric aspirate– and stool-based diagnostics for paediatric tuberculosis **PA5160**
Matúš Dohál (Martin, Slovakia), Peter Kunč, Karolína Doležalová, Michaela Krivošová, Juraj Mokrý

Comparative Analysis of the Parallel Use of TrueNat™ MTB Plus and Xpert MTB/RIF Ultra Tests **PA5161**
Gulzar Aliyeva (Baku, Azerbaijan), Irada Akhundova, Mehriban Seyfaddinova, Konul Karimova, Gunash Jafarova

Association of D-dimer with inflammatory markers in hospitalized patients with pulmonary tuberculosis **PA5162**
Besim Morina (Prishtina, Kosovo), Kushtrim Mulaj, Blerina Dervisholli, Besarta Shala, Driton Hoti, Idriz Sopjani

A novel antigen detection immunoassays for pediatric pulmonary tuberculosis using gastric lavage derived mycobacterial proteins. **PA5163**
Anjali Kashwal (Chandigarh, India), Indu Verma, Meenu Singh, Joseph Mathew, Pankaj C Vaidya, Sunil Sethi, T. S. Keshava Prasad

Post-Treatment Residual Bronchiolitis on CT Predicts Recurrence of Mycobacterium avium Complex Pulmonary Disease **PA5164**
Yong-Soo Kwon (Gwang-ju, Republic of Korea), Jong Eun Lee

Spatial compartmentalization of complement signaling dichotomously controls macrophage fate and immunopathology in tuberculosis **PA5165**
Shuanglinzi Deng (Changsha, China), Juntao Feng

Quantitative associations between C-TST skin responses and IGRA interferon-γ levels among adult tuberculosis contacts **PA5166**
Kholifatul Azizah (Jakarta, Indonesia), Salsabila Hulwani, Heidy Agustin, Faiza Hatim, Laharsa Madison, Erlina Burhan

Enhanced antimycobacterial activity of rifampicin–mycobacteriophage combinations in an in vitro intracellular model of Mycobacterium tuberculosis **PA5167**
Daria Smalchuk (Badalona, Spain), Didac Vulcano, Alicia Lacoma, Jose Dominguez

Immune and oxidative stress disorders in pulmonary tuberculosis **PA5168**
Evelina Lesnic (Bucharest, Romania), Lilia Todoriko

PS-33 Session 454 08:00 - 09:30

Poster session: Optimising diagnostic and predictive tools for lung cancer management

Disease(s) : Thoracic oncology Airway diseases Interstitial lung diseases

Method(s) : Surgery Endoscopy and interventional pulmonology Epidemiology Palliative care Cell and molecular biology General respiratory patient care

Tag(s) : Clinical

Chairs : Samir Naik (DUbai, United Arab Emirates), Andriani Charpidou (Athens, Greece), Yang Xia (Hangzhou, China)

Late Breaking Abstract - A longitudinal analysis of the frequency and indication for repeat Endobronchial Ultrasound Transbronchial Needle Aspiration (EBUS-TBNA) sampling in a National Academic Cancer Centre. **PA5169**
SITI AMANINA AZMAN (Cork, Ireland), Abdul Samad, Roisin Murray, Lameese Alhaddah, Nicole McCarthy, Mudassar Rasool, Anne O'Mahony, Michael T Henry, Julie McCarthy, Marcus P Kennedy

Clinical evaluation of a peripheral blood test for early detection, longitudinal monitoring and treatment response evaluation in lung cancer. **PA5170**
Ido-David Dechtman (Ness Ziona, Israel), Yael Michaeli, Noa Gilat, Lynne Itelson, Yuval Ebenstein, Michael Peled, Benny Zuckermann, Liran Levi, Shahar Zirkin

Pembrolizumab trough concentration monitoring and association with outcomes in advanced non-small cell lung cancer **PA5171**
Andriani Charpidou (Athens, Greece), Ioannis Trontzas, Anastasia Palaiologou, Natalia Kamperi, Anastasia Georganta, Emmanouil Panagiotou, Ioanna-Maria Orfanou, Konstantinos Kyriakoulis, Ioannis Vathiotis, Constantinos Tamvakopoulos, Konstantinos Syrigos

Exosomal VPS9D1-AS1 promotes ESRP1-mediated PI3K/AKT activation and tumor microenvironment remodeling in lung adenocarcinoma **PA5172**
Xiaoyi Hu (Beijing, China), Hongli Ye, Jing Wu, Ran Li, Yali Zheng, Zhancheng Gao

Prognostic Impact of Inflammation-Based Markers in Small Cell Lung Cancer: A Comparative Analysis of GPS, mGPS, and CAR Scores **PA5173**
Ayperi Öztürk (Ankara, Türkiye), Zeynep Erayman Özen, Emire Pınar Seyfettin Celik, Hasret Gizem Kurt

Histologic subtype patterns in resected invasive lung adenocarcinoma: analyses by predominant pattern, IASLC grade, and presence of micropapillary component **PA5174**
Gal Rojc (Izola, Slovenia), Neža Vinšek, Aleš Rozman

The significance of Hsp70 expression before and after metastasis in stage T1 lung adenocarcinoma Pan Yang (Chengdu, China), YiHan Guo, Zhoufeng Wang, Weimin Li	**PA5175**
Homozygous RSPO1–NUMT insertion is associated with earlier onset of lung adenocarcinoma (LUAD) Ilona Tietzova (Prague, Czech Republic), Dana Sochorova, Petr Třiska, Rebecca C. Rancourt, Marek Omelka, Eva Parobkova, Michael Allgäuer, Marc A. Schneider, Karsten Senghas, Laura V. Klotz, Marketa Tesarova	**PA5176**
Elastin distribution in lung disease, including Non-Small Cell Lung Carcinoma Edwina Duhig (Mudgeeraba, Australia), Michael Walsh, Anthony van Zwieten, Amy Broomfield, Daniel Jaffrey, Edward Stephens, Anita Goldsworthy, David Godbolt, Morgan Davidson, John Mackintosh, Peter Hopkins, Daniel Chambers, Kwun Fong, Ian Yang	**PA5177**
Exhaled breath patterns following tumour resection in Non-small cell lung cancer patients Eline G.M. Steenhuis (Zwolle, Netherlands), Sharina Kort, Milou M.F. Schuurbiers, Jos A. Stigt, Job Van der Palen, Michel M. Van den Heuvel, Wouter H. Van Geffen	**PA5178**
Prognostic Impact of Pretreatment Glasgow Prognostic Score and Gustave Roussy Immune Score on Overall Survival in Patients with Advanced Non-Small Cell Lung Cancer Mustafa Karaca (, Türkiye), Aliye Gamze Calis, Fatih Uzer, Hatice Yıldız, Sertaç Vurgun, Rusen Uzun, Ömer Ozbudak	**PA5179**
In-treatment kinetics of peripheral blood immune markers in PD-L1 high non-small cell lung cancer and prognostic relevance for immunotherapy outcomes Andriani Charpidou (Athens, Greece), Ioannis Trontzas, Ioanna-Evdokia Galani, Emmanouil Panagiotou, Efthymia Theofani, Anastasia Georganta, Konstantinos Kyriakoulis, Anastasia Palaiologou, Ioannis Vathiotis, Constantinos Tamvakopoulos, Evangelos Andreakos, Konstantinos Syrigos	**PA5180**
ITGB4 promotes lung adenocarcinoma progression through activation of the Wnt/β-catenin signalling pathway Yiman Li (Tianjin, China), Jianwen Qin, Hui Ma, Xiaoyun Zhao, Bojun Li, Xiang Pei, Yang Yu	**PA5181**
Impact of Persistent Mediastinal Nodal Disease after Neoadjuvant Chemoimmunotherapy for Non-small Cell Lung Cancer Daniela Gompelmann (Vienna, Austria), Berta Mosleh, Anastasia Papaporfyriou, Thorsten Fuereder, Helmut Prosch, Joachim Widder, Clemens Aigner, Marco Idzko, Mir Alireza Hoda	**PA5182**
Characteristics and immune microenvironment of SMARCA4 deficient non-small cell lung cancer TENG He (shanghai, China), Xueling Wu	**PA5183**
Immune checkpoint differences between women and men in metastatic lymph nodes of lung cancer revealed by EBUS/TBNA flow cytometry Iwona Kwiecień (Warszawa, Poland), Agata Raniszewska-Borys, Elżbieta Rutkowska, Rafał Sokołowski, Joanna Bednarek, Karina Jahnz-Różyk, Piotr Rzepecki	**PA5184**
Prognostic value of TP53 variants and p53/PTEN expression in advanced EGFR-mutated NSCLC: a pilot study Joanna Moes-Sosnowska (Warsaw, Poland), Adam Szpechcinski, Małgorzata Szolkowska, Urszula Lechowicz, Magdalena Pelc, Paulina Skronska, Krzysztofa Wesierska, Marta Dolzycka, Emil Wojda, Pawel Sliwinski, Renata Langfort, Aldona Wozniak, Maciej Bryl, Joanna Chorostowska-Wynimko	**PA5185**
PD-1+ Tfh cells in peripheral blood predict immunotherapy outcomes through dynamic immune remodeling in lung adenocarcinoma (Beijing, China), Lin Jiang, Minjiang Chen, Xiaoyan Liu, Xiaoxing Gao, Jing Zhao, Wei Zhong, Mengzhao Wang, Yan Xu, Yunyun Fei	**PA5186**
Pleural tumour markers improve malignant effusion diagnosis beyond cytology and cell block Eviatar Naamany (Petah Tikva, Israel), Mordechai Reuven Kramer, Barak Pertzov, Rabea Hellou, Maayan Flaschner, Maayan Huberman Samuel, Dorit Shitenberg, Dror Rosengarten, Osnat Shtraichman	**PA5187**
Bridging science and clinical translation of Volatile Organic Compounds (VOCs) in lung cancer Georgia Hardavella (Athens, Greece), Vasiliki Skordia, Ioannis Karampinis, Michalis Leotsinidis, Eleni Sazakli	**PA5188**

PS-34 Session 455 08:00 - 09:30

Poster session: Early detection of lung cancer: a substantial wager

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Imaging Public health Epidemiology Pulmonary function testing Surgery General respiratory patient care

Tag(s) : Clinical, Prevention

Chairs : Ramesh Chokhani (Kathmandu, Nepal), Julie Gellert Larsen (Odense C, Denmark), Torsten Gerriet Blum (Berlin, Germany)

Late Breaking Abstract - Leveraging real-world data for equitable implementation of lung cancer screening: insights from the SOLACE consortium Emily Nischwitz (Schriesheim, Germany), Ildikó Horváth, Hans-Ulrich Kauczor, Martina Koziar Vašáková, Marie-Pierre Revel, Torsten Gerriet Blum, Helmut Prosch, Anna Kerpel-Fronius, Joanna Chorostowska-Wynimko	**PA5189**
Late Breaking Abstract - Fast diagnosis, fragmented support: lived experience of small cell lung cancer across Europe Debra Montague (USK, United Kingdom), Rebekka Aarsand, Melanie De Coster, Merel Hennink, Laura Jones, Angeliki Souri, Lavinia Magee	**PA5190**
Lung cancer screening in Greece: moving forward and building on the SOLACE experience Iris-Theodora Vlachantoni (Athens, Greece), Kostantinos Karagiannis, Sandy Tavernaraki, Irini Lambiri, Androniki Kozana, Lamprini Stournara, Ilianna Tsetsou, Ioanna Avgoutsi, Mina Gaga	**PA5191**
The use of low dose CT in lung cancer screening: The 3-year results of the tertiary cancer center in Taiwan Chung-Jen Huang (New Taipei city, Taiwan), An-Chen Feng	**PA5192**
Post-screening invasive diagnostic pathways after positive LDCT lung cancer screening: a real-world multicentre analysis Jelena Djekic Malbasa (Novi Sad, Republic of Serbia), Tomi Kovacevic, Ivan Kuhajda, Dragan Dragišić, Bojan Zarić	**PA5193**
LEAD-DETECT – Austria's First Lung Cancer Screening Program: Baseline Results from a Risk-Prediction-Based Approach Veronika Mikl (Wien, Austria), Mohammad Azizzadeh, Rebecca Mura, Robab Breyer-Kohansal, Georg-Christian Funk, Arschang Valipour, Benjamin Riedl, Tanja Stamm, Michael Sturm, Emiel Wouters, Helmut Prosch, Marie-Kathrin Breyer	**PA5194**
Early Outcomes of the Hungarian HUNCHEST-SOLACE Screening Program Ilona Tornyi (Debrecen, Hungary), Zsuzsanna Miklos, Krisztina Bogos, Karolina Kosa, Istvan Kui, Janos Sandor, Zsolt Springo, Anna Kerpel-Fronius, Ildiko Horvath	**PA5195**
Disparity and influencing factors of lung cancer screening behavior among smokers and non-smokers in Western China: a cross-sectional study Wenjuan Tao (Chengdu, China), Jia Gao, Tao Gu, Zhijing Ding, Jin Wen, Ruicen Li	**PA5196**
The organization of lung cancer prevention and screening in Europe: a survey from the European Commission Initiative on Lung Cancer (EC-LuC) Ottavia Amato (Ispra, Italy), Caitlin Mac Clancy, Greta Castellini, Shawn Baldacchino, Marta Garcia Escribano, Luciana Stanica, Agnieszka Kinsner-Ovaskainen	**PA5197**
Lung cancer diagnosis in routine clinical practice versus Screening programs: a paradigm shift in Lleida Anna Sánchez Cucó (Lleida, Spain), Anna Sánchez-Cucó, Victoria Pozuelo Garcia, Esther Gracia- Lavedan, Sally Santisteve, Nerea Ramírez-Seco, Carlos Manzano, Anna Vila, María Zuil, Aida Monge, Clara Sanz, Silvia Barril, Wassim El Arfaoui, Ivan D. Benítez, Sonia Gatius, Marcela Suárez, Carlos A. Rombolá, Leandre Fernández, Marina Pardina, Maria Teresa Esqué, Virginia Garcia, José David González, Cora Sampedro, Mario Montesinos, Juan Diego Aviles, Jacinto Abellaneda, Pere Farré, Lidia Vilo, Ferran Barbé, Jessica González	**PA5198**
From Awareness to Action: LDCT Screening Challenges Danai Bisirtzoglou (Athens, Greece), Ira Michailidou, Anastasia Brisimi, Anastasia Panteri, Athanasia Panteri, Georgia Hardavella, Hector Katifelis, Dimos Alexoudis, Kalliopi Karampetsou, Maria Anna Theodori, Athanasios Zetos, Ioannis Karampinis, Kalliopi Paschalidou	**PA5199**
Results of four years of the Czech nationwide lung cancer screening pilot: transition to a regular programme Martina Koziar Vasakova (Praha, Czech Republic), Karel Hejduk, Ivana Cierna-Peterova, Hynek Mirka, Bohumil Seifert, Vladimir Koblizek, Petr Dvorak, Jana Panicova, Renata Chloupkova, Ondrej Ngo, Nikola Stourac, Ondrej Majek	**PA5200**

Innovative Approach to Early Lung Cancer Detection: Integrating a Comprehensive Screening Program and an Incidental Pulmonary Nodule Clinic — **PA5201**
Anna Sánchez Cucó (Lleida, Spain), Esther Gracia-Lavedan, Sally Santisteve, Anna Vila, Carlos Manzano, Nerea Ramírez-Seco, María Zuil, Aïda Monge, Clara Sanz, Sílvia Barril, Wassim El Arfaoui, Iván D. Benítez, Sonia Gatius, Carlos A. Rambolá, Marina Pardina, Maria Teresa Esqué, Virginia García, José David González, Cora Andrea Sampedro, Mario Montesinos, Juan Diego Áviles, Jacinto Abellaneda, Pere Farre, Lidia Vilo, Ferran Barbé, Jessica González

Prevalence and Severity of Spirometry-Defined Airflow Limitation in an Irish Lung Cancer Screening Population — **PA5202**
Eleanor Cronin (Dublin, Ireland), Malcolm Herron, David O'Reilly, Sandra Roche, Conor Hayes, Jasmine Dunne, Marie Talty, Saoirse Doyle, James Ryan, Patrick Redmond, Ian Counihan, Emmet O'Brien, Ross Morgan, Jarushka Naidoo, Sulaiman Imran, Ryan Daniel John

Early-stage lung cancer detection in a Swiss LDCT screening pilot project: Preliminary results after the first two annual rounds — **PA5203**
Cédric Bongard (Lausanne, Switzerland), Kevin Selby, Cynthia Schneider, Jean-Luc Bulliard, David Rotzinger, Chiara Pozzessere, Christophe von Garnier

Integration of spirometry into the low-dose CT (LDCT) Mobile Lung Cancer Screening (LCS) program in Poland allowed for effective detection of emphysema and airflow obstruction in hard-to-reach rural population at risk. Report from SOLACE consortium. — **PA5204**
Joanna Moes-Sosnowska (Warsaw, Poland), Mariusz Adamek, Michal Szczyrek, Piotr Dabrowiecki, Janusz Milanowski, Joanna Chorostowska-Wynimko

Beaumont RCSI Irish Cancer Society Lung Health Check Pilot: Participation and Prospective Risk-Based Eligibility Optimisation in Ireland's First Lung Cancer Screening Project — **PA5205**
Malcolm Herron (Dublin, Ireland), David O Reilly, Sandra Roche, Ciara Fay, Marie Talty, Jasmine Dunne, Saoirse Doyle, Sinead Toomey, Bryan Hennessy, Gerard J Fitzmaurice, Ronan Ryan, Keith Egan, Jack O Shea, Gavin Maguire, Donal Bailey, Caitriona Dowling, Claire Noonan, Benjamin Jacob, Ann-Marie Baird, Seamus Cotter, Kathleen Bennett, Jan Sorensen, James Ryan, Patrick Redmond, Ian Counihan, Emmet O Brien, Ross Morgan, Imran Sulaiman, Jarushka Naidoo, Daniel J Ryan

Changing the narrative: Lung cancer screening(LCS) eligibility and potential stage and resectability shift in a real world lung cancer cohort — **PA5206**
Georgia Hardavella (Athens, Greece), Ioanna Ilia, Nikolaos Anastasiou, Ioannis Karampinis

PS-35 Session 456 08:00 - 09:30

Poster session: Clinical advances and real-world management of pleural malignancies

Disease(s) : Thoracic oncology

Method(s) : General respiratory patient care Endoscopy and interventional pulmonology Epidemiology Public health Palliative care Surgery Imaging

Tag(s) : Clinical

Chairs : Sanjay Haresh Chotirmall (Singapore, Singapore), Maria Parsonage (Wigton, United Kingdom), Rachelle Asciak (SIGGIEWI, Malta)

Late Breaking Abstract - Sensitivity of combined ultrasound guideded percutaneous pleural Tru-Cut needle biopsy (UG-PCPNB) with low volume pleural aspiration (LVPA) as the first diagnostic tool for suspected malignant pleural effusion (MPE) — **PA5207**
Shi Han Lee (Colchester, United Kingdom), waqas nazar, Safin Rahman, Emma Boynton

Results from the Australian Smarter Therapeutic and Diagnostic Intervention in Malignant Pleural Effusion (STREAMLINE) feasibility randomised controlled trial — **PA5208**
Vineeth George (Merewether, Australia), Dinesh Addala, Eleanor Majellano, David Arnold, John Harrington, Scott Twaddell, Peter Gibson, Christopher Grainge, Najib Rahman

First-line management of malignant pleural effusion: real-world uptake and outcomes of IPC versus talc pleurodesis – are they equivalent? — **PA5209**
Michael Shiel (Belfast, United Kingdom), Caoimhe McGarrigle, Nicholas Magee, David McCracken

Safety Profile of Indwelling Pleural Catheters from the Northumbria Pleural Service — **PA5210**
Do Tri Hai Nguyen (Newcastle upon Tyne, United Kingdom), Lucy Crossland, Xiaoxuan Xu, Avinash Aujayeb

Early Outcomes from a Newly Established Regional Mesothelioma MDT in Northeast England — **PA5211**
Georgina Muir (Newcastle, United Kingdom), Rachel Prichard, Donna Wakefield, Helen Wallace, Joanne Anderson, Helen Turnbull, Alistair Greystoke, Parag Narkhede, Naomi Chamberlin, Sudarshan Ramsaroop, Mohammed Hashim, Leah Taylor, Avinash Aujayeb

Biochemical and radiological features of malignant pleural effusions- an evaluation from the Northumbria pleural service Georgina Muir (Newcastle, United Kingdom), Lai Yee Orbell, Kim-Shin Ho, Cheng Hong Lim, Waller Laura, Tia Gilberthorpe, Avinash Aujayeb	**PA5212**
Association between Prognostic Risk scores, Survival and Healthcare Utilisation following Indwelling Pleural Catheter Insertion in Malignant Pleural Effusion Asjad Ahmed Eitezaz (Walsall, United Kingdom), Muhammad Usama, Megan Stride, Sarah Forrester, Nadia Sayeed	**PA5213**
From Guidelines to Practice: Real-World Management of Malignant Pleural Effusion Sevda Sener Comert (Istanbul, Türkiye), Güntülü Ak, Selma Metintaş, Nilüfer Yiğit, Serkan Yazgan, Meltem Yılmaz, Makbule Özlem Akbay, Semra Bilaçeroğlu, Hasibe Çiğdem Erten, Özlem Saniye İçmeli, Akif Turna, Sinem Nedime Sökücü, Celal Satıcı, Furkan Atasever, Banu Kahriman, Ulkar Ismayilova, Muzaffer Metintaş	**PA5214**
Shifts in Management and Downstream Intervention Burden in Malignant Pleural Effusion: A Contemporary Versus Historical Cohort Analysis Atieh Ashkezari (Yonkers, United States), Joshua Wang, Sharad Chandrika	**PA5215**
Patient and public involvement (PPI) to inform intrapleural fibrinolytic therapy via indwelling pleural catheters (IPCs). Olivia Walsh (Oxford, United Kingdom), Malvika Bhatnagar, Elsheikh Alguili, Dinesh Addala, Eihab Bedawi, Najib Rahman	**PA5216**
Diagnostic Value of Transthoracic Ultrasound Features in Predicting Malignancy in Undiagnosed Pleural Effusion: A Prospective Diagnostic Study Emira Hysa (Tirana, Albania), Alma Teferici, Marsel Broqi, Serxho Golgota, Lida Tinaj, Pamela Shushi, Amela Hasa, Perlat Kapisyzi	**PA5217**
Management of malignant pleural effusion in real-world inpatient pulmonology Lucrezia Pisanu (Pavia, Italy), Lorenzo Arlando, Maria Arminio, Francesco Rocco Bertuccio, Valentina Conio, Paolo Cosseta Reposi, Elisabetta Gallo, Marianna Russo, Giacomo Domenico Bonizzoni, Alessandro Cascina, Laura Saracino, Giulia Maria Stella, Angelo Guido Corsico	**PA5218**
Systemic inflammatory response after pleurodesis Eva Biteznik (Medvode, Slovenia), Mateja Marc Malovrh, Katja Adamič, Barbara Biteznik, Rok Lombar, Anja Ilovar Bezjak, Urška Bidovec Stojkovič, Aleš Rozman	**PA5219**
Diagnostic yield of mediastinal lymph node cryobiopsy after unsuccessful EBUS-TBNA Anže Pelko (Golnik, Slovenia), Mateja Marc Malovrh, Aleš Rozman	**PA5220**
Descriptive Characteristics of Patients with Malignant Pleural Effusion (MPE): A Retrospective Study Rachel Quek (Singapore, Singapore), Wai Yinn Liew, Jing Wei Lee, Aaron Tay How Tan, Xiao Na Wang, Glenn Khai Wern Yong	**PA5221**
Pleural Unit and systematic thoracic ultrasound: initial experience in clinical practice Ana Reyes Pardessus Otero (Barcelona, Spain), Grethsel Villarroel, Antonio Caguana, Helio Bona, Isabel Lara, Marta Cappuccio, Roberto Chalela, Albert Sánchez-Font	**PA5222**
Clinical outcomes of superficial pleural sampling in local anaesthetic thoracoscopy Hafiz Gulzeb Kamil (Coventry, United Kingdom), Viktoria Oakden, Asjad Ahmed Eitezaz, Muhammad Badar Ganaie	**PA5223**
Diagnostic accuracy of shear wave elastography in predicting malignant pleural effusions Doaa Magdy (Assiut, Egypt), Suzan Salama1, Mai Assem1, Reham Sameeh, Sahar Mahmoud	**PA5224**
Desmoid tumors: clinical profile and management in a single-centre experience Imen Bouassida (Ariana , Tunisia), Chiraz Albouzidi, Amina Abdelkbir, Imen Bouacida, Qutaiba Sulaiman, Hazem Zribi, Adel Marghli	**PA5225**
Determinants of postoperative morbidity and long-term outcomes in pulmonary carcinoid tumors Mohamed REBEI (sfax, Tunisia), Zied Chaari, Aymen Ben Ayed, Ahmed Ben Ayed, Abdessalem Hentati	**PA5226**

PS-36 Session 457 08:00 - 09:30

Poster session: Predicting prognosis and survival in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Epidemiology Physiology Pulmonary function testing Cell and molecular biology Public health

Tag(s) : Clinical, Translational

Chairs : Sameen Toor (Leicester, United Kingdom), Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina), Kimberley Nettleton (Birmingham (West Midlands), United Kingdom)

Late Breaking Abstract - Border-associated alveolar macrophages translate lipid stress into resilient pulmonary order Wenying Zhao (Shanghai, China), Jin Wang, Yeke Huang, Wenjuan Bai, Jiangxue Li, Wenxin He, Hecheng Li, Jing Wang	**PA5227**
Integrating Comorbidity Burden Into GAP Staging Improves Prognostic Stratification in IPF: Development and Internal Validation of the GAP-C Score Ferdinando Damato (Napoli, Italy), Dario Bruzzese, Alessandro Saglia, Chiara De Fonzo, Simona Sessa, Marialuisa Bocchino	**PA5228**
Validation and simplification of the ILD-GAP index for mortality prediction in a Tunisian chronic interstitial lung disease cohort Maroua Abbassi (Médenine, Tunisia), Sara Trimech, Ines Moussa, Khouloud Chaabi, Asma Guirati, Leila Douik El Gharbi	**PA5229**
Comparison of GAP, CPI, PCR score, P/F ratio, CRP, NLR, and PLR parameters in predicting Both acute exacerbation And 90-day post-exacerbation mortality in IPF patients Gülistan Karadeniz (Izmir, Türkiye), Sevda Aras, Fatma Demirci Üçsular	**PA5230**
Prognostic Impact of Serum Transthyretin and Sarcopenia on Mortality and Respiratory-Related Hospitalization in Idiopathic Pulmonary Fibrosis Akihito Okada (Nagoya, Japan), Yoshitsugu Inoue, Kohei Fujita, Akiko Nakano, Hirotsugu Ohkubo	**PA5231**
Visceral-to-subcutaneous fat ratio on CT predicts short-term mortality in acute exacerbation of idiopathic pulmonary fibrosis Masataka Hirai (Kobe, Japan), Ryo Tachikawa, Takayasu Sugiyama, Naoto Tanaka, Hiro Ikeda, Keisuke Tomii	**PA5232**
Early treatment response predicts short-term prognosis in patients with acute exacerbation of idiopathic interstitial pneumonia Ryusuke Kizawa (Minato-ku, Tokyo, Japan), Hiromichi Hara, Masahiro Yoshida, Susumu Saito, Ayu Kiritani, Sachi Matsubayashi, Kentaro Tamura, Keitaro Okuda, Naoko Takahashi, Hirofumi Utsumi, Saburo Ito, Hiroshi Wakui, Shunsuke Minagawa, Takanori Numata, Jun Araya	**PA5233**
Development and validation of machine learning models to predict acute exacerbation and long-term mortality in hospitalized patients with fibrotic interstitial lung disease: a multicenter cohort study Jibo Sun (Chengdu, China), Xiang Tong, Wenting Lv, Hong Fan	**PA5234**
Wearable-derived step count and survival in pulmonary fibrosis Marissa O'Callaghan (Rotterdam, Netherlands), Marlies Wijsenbeek, Catharina Moor	**PA5235**
Trends in Idiopathic Pulmonary Fibrosis Mortality in South Korea, 2011–2021: A Nationwide Population-Based Study Seon Cheol Park (Goyang-si, Republic of Korea), Min Jin Kang, Kang Ju Son	**PA5236**
Proteome profiling links surfactant proteins to interstitial lung abnormalities and its progression Iris Anna Simons (Amsterdam, Netherlands), Esther J. Nossent, Esther Pompe, Anke-Hilse Maitland-van der Zee, Mark A. van der Wiel, Harry J.M. Groen, Firdaus A.A. Mohamed Hoesein, Pim A. de Jong, Jan Willem Duitman	**PA5237**
Improvement of three-year mortality prediction for idiopathic pulmonary fibrosis based on the inclusion of high-resolution computed tomography and lung function change features Kiril R. Kirov (Cambridge, United Kingdom), Nicola Dinsdale, Miguel Monteiro, Fabio S. Ferreira, Elliott Bussell, Rebecca Keegan, Muhunthan Thillai, Perry Blizard, Lauren Cooper, Anjali Crawshaw, Philip L. Molyneaux, Simon L. F. Walsh	**PA5239**
AI-Based Quantitative HRCT Analysis Reveals Limited Prognostic Value of Radiological Abnormalities for Short-Term Mortality in Acute Exacerbation of Idiopathic Pulmonary Fibrosis Hiro Ikeda (Kobe, Japan), Takayasu Sugiyama, Naoto Tanaka, Masataka Hirai, Ryo Tachikawa, Keisuke Tomii	**PA5240**

The Relationship Between C-Reaktive Protein and Mortality in Idiopathic Pulmonary Fibrosis **PA5241**
Gülistan Karadeniz (Izmir, Türkiye), Dilan Yasar Teymuroglu, Filiz Karapınar, Gülru Polat, Fatma Demirci Üçsular

Validation of e-Lung quantitative CT risk thresholds in fibrotic interstitial lung disease **PA5242**
Peter George (London, United Kingdom), Stephen Gerry, Christian Rennison-Jones, Claire Fernandez, George Harston, Anand Devaraj

Automated CT-derived biomarkers across six pathophysiological domains improve mortality prediction in idiopathic pulmonary fibrosis: a multicenter study **PA5243**
Daisuke Yamada (London, United Kingdom), Adam Szmul, Coline H. M. van Moorsel, Nesrin Mogulkoc, Wim A. Wuyts, Tianqi Yang, Ryoko Egashira, Shahab Aslani, Daryl Cheng, Yunjie Chen, Marie Vermant, Frouke T. van Beek, Tine Follet, Tinne Goos, Hendrik W. van Es, Recep Savas, Jose Manuel Brenes, Stijn E. Verleden, Marcel Veltkamp, Laurens J. de Sadeleer, Joseph Jacob

AI-Derived Chest CT Body Composition and Radiologic Sarcopenia Predict Subsequent FVC Decline in Idiopathic Pulmonary Fibrosis: Preliminary Results from an Ongoing Cohort **PA5244**
Erencan Begiç (İzmir, Türkiye), Gökçen Ömeroğlu Şimşek, Aylin Özgen Alpaydın, Naciye Sinem Gezer, Jiantao Pu, Grant Kokenberger, Kemal Can Tertemiz, Can Sevinç

Minimal clinically important difference of a high-resolution computed tomography biomarker of lung fibrosis based on a 3D convolutional neural network segmentation algorithm **PA5245**
Kiril R. Kirov (Cambridge, United Kingdom), Elliott Bussell, Rebecca Keegan, Muhunthan Thillai, Perry Blizard, Lauren Cooper, Anjali Crawshaw, Philip L. Molyneaux4, Simon L. F. Walsh

Longitudinal Quantitative Chest Computed Tomography Analysis of Idiopathic Pulmonary Fibrosis **PA5246**
Kiminobu Tanizawa (Kyoto, Japan), Tomohiro Handa, Michihiro Uyama, Tsuyoshi Oguma, Kohei Ikezoe, Naoya Tanabe, Ryoji Uozumi, Yoshinari Nakatsuka, Atsushi Matsunashi, Ryo Sakamoto, Akihiko Yoshizawa, Yuji Nakamoto, Toyohiro Hirai

PS-37 Session 458 08:00 - 09:30

Poster session: Real-world studies in pulmonary fibrosis

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Thoracic oncology

Method(s) : General respiratory patient care | Epidemiology | Palliative care | Imaging | Physiology | Public health | Pulmonary rehabilitation | Pulmonary function testing | Endoscopy and interventional pulmonology | Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Jelle Rindert Miedema (Rotterdam, Netherlands), Laura Fernandez Gonzalez-Cuevas (Houston, United States), Alexandre Todorovic Fabro (Botucatu, Brazil)

RCT Abstract - A pharmacogenetic trial of N-acetyl-cysteine in idiopathic pulmonary fibrosis **PA5247**
Imre Noth (Charlottesville, United States), Abigail Loe, Susan Murray, Ganesh Raghu, Timothy Whelan, Sydni Montesi, Scholand Mary beth, Margaret Salisbury, Nagel David, Fernando Martinez

Risk and outcome of interstitial lung disease in inflammatory bowel disease: Evidence from a nationwide population-based cohort study **PA5248**
Jonas Aggerholm Bækdal (Hvidovre, Denmark), Erik Hansen, Charlotte Ulrik

Zero Severe Bleeding in 169 Consecutive Cryobiopsies: Twin Bronchoscopy (Kissing Technique) Enhances Safety in Diffuse Lung Disease Diagnosis **PA5249**
Aditya Kumar Chawla (New Delhi (Delhi), India)

Late Breaking Abstract - Slow-Releasing Hydrogen Sulphide Donor GYY4137, Alone or in Combination with Pirfenidone, Attenuates Bleomycin-Induced Pulmonary Fibrosis in Mice **PA5250**
Furkan Kaya (Ankara, Türkiye), Yasemin Karaman, Kutsal Doğan, Olcay Kurtulan, Sevgen Çelik Önder, Ali Berk Alişan, Özge Burcu Şahan, Serkan Uysal, Başak Çeltikçi, Tuba Reçber, Erkan Dikmen, Emirhan Nemutlu, Zeliha Günnur Dikmen, Ayşen Özcan, Turgut Emrah Bozkurt

Clinical and subclinical characteristics of anti-MDA5 antibody-associated interstitial lung disease in Vietnamese patients **PA5251**
Trang Vu Thi Thu (Hà Nội, Vietnam), My-Anh Bui, Thinh Nguyen Hoang, Nham Pham Thi Minh, Phuong Phan Thu

Etiology of 53 patients with surgically confirmed fibrotic bronchiolocentric interstitial pneumonia **PA5252**
Milena Tenório Cerezoli (São Paulo (SP), Brazil), Vanessa El Mir Arida Horie, Rimarcs Gomes Ferreira, Israel Missrie, Maria Raquel Soares, Carlos Alberto de Castro Pereira

Clinical Outcomes of Antifibrotic therapy in fibrotic lung disease: A retrospective single centre review over last 10 years Hira Gul (Limerick, Ireland), Muhammad Mohsin Zahoor, Abdulaziz Alshamlan, Ali Raza, Asim Iqbal, Aidan O'Brien	**PA5253**
Multidisciplinary team assessment of progressive pulmonary fibrosis: adherence to current consensus criteria and impact on clinical management. A multi-centre retrospective study. Tonia Magrì (Roma, Italy), Claudia De Petro, Gabriele Bongiovanni, Vincenzo Artuso, Ludovica Di Marzio, Valeria Conti, Umberto Zanini, Giovanni Franco, Marco Mantero, Francesco Amati, Fabrizio Luppi, Luca Richeldi, Giacomo Sgalla	**PA5254**
Right ventricle-pulmonary artery uncoupling identifies a high-risk functional phenotype and increased clinical event burden in fibrotic interstitial lung disease with pulmonary hypertension Claudio Villaquiran Torres (Bogotá, Colombia), Luis Andrade-Pantoja, Dolfus Romero-Rojas, Oscar Muñoz-Velandia	**PA5255**
Thoracic ultrasound shear wave elastography in fibrosing interstitial lung disease compared with healthy controls. Sanjeewa Patabendige (Odense, Denmark), Rasmus Thorsen Larsen, Berkay Adam Yüksel, Christian B. Laursen, Jesper Rømhild Davidsen	**PA5256**
Access to Air: How Geography Shapes Timely, Equitable Care for Pulmonary Fibrosis Alba Ubide (Overijse, Belgium), Liam Galvin, Steve Jones, John Solheim, Elisabetta Balestro, Karen Moor	**PA5257**
Integrating Palliative Care Outcomes Collaboration with Interstitial Lung Disease Palliative Care Needs Assessment: Proof of Concept Wen Yan Low (Dublin, Ireland), Lindsay Brown, Frances O'Mahony, Leisi Garcia, Eoin Tiernan, Cormac McCarthy	**PA5258**
Evidence of Small Airway Dysfunction on Impulse Oscillometry in Interstitial Lung Disease SRIJITA SEN (KOLKATA, India), Sayanti Karmakar, Saayon Bej, Wrick Chakraborty, Debkanya Dey, Sayoni Sengupta, Shuvam Ghosh, Sumedha Biswas, Pallav Bhattacharyya, Avishek Kar, Rajat Pal, Parthasarathi Bhattacharyya	**PA5259**
Impact of dosing on functional and clinical outcomes of patients with progressive pulmonary fibrosis treated with Nintedanib: data from a real-world, multicentric, Italian study Jacopo Cefalo (Milano, Italy), Francesco Varone, Fabrizio Luppi, Paolo Cameli, Stefania Cerri, Mariangela Valentina Puci, Alessia Martini, Giovanni Franco, Umberto Zanini, Tommaso Pianigiani, Athina Patsoura, Luca Richeldi, Elena Bargagli, Giovanni Sotgiu, Michele Mondoni	**PA5260**
Real-life safety of Nintedanib in progressive pulmonary fibrosis: insights on stepwise titration in autoimmune disease Sarah Impagnatiello (Rome, Italy), Anna Lindahl, Elisabetta Rosi, Marco Trigiani, Paolo Palange, Sara Tomassetti	**PA5261**
Muscle oxygenation during exercise therapy in patients with interstitial lung disease: a systematic review aynur demirel (ankara, Türkiye), Gulse Ozer	**PA5262**
Real-World Validation of an Automated CT-Based UIP Classification Algorithm in Routine Practice Jonathan H. Chung (San Diego, United States), Emile Gordon, Elizabeth Weihe, Charles Hatt, Kai Ludwig	**PA5263**
Diffuse interstitial lung diseases : Patient care pathway and determinants of diagnostic delay Naziha Hammouda (Tunisia, Tunisia), Echi Khadija, Cheikhrouhou Sana, Mjid Meriem, Toujani Sonia, Hedhli Abir, Dhahri Besma	**PA5264**
Impact Of Repeated Presentations In Multidisciplinary Discussion On Diagnostic Refinement Of Interstitial Lung Diseases Syrine Daoud (Tunis, Tunisia), Hana Blibech, Sirine Daoud, Donia Belkhir, Line Kaabi, Youssef Belhajhassen, Kais Nouira, Sameh Belhaj, Nadia Mehiri, Besma Dhahri, Meya Abdallah, Maryem Sellami, Aida Ayadi, Adel Merghli, Houda Snene, Bechir Louzir	**PA5265**
Predictors of progressive pulmonary fibrosis (PPF) across real-world interstitial lung disease (ILD) cohorts Aparna Swaminathan (Durham, United States), Lisa Wruck, Susanna Stevens, Peter Shrader, Aditi Desai, Yue Zhong, Scott Palmer	**PA5266**

PS-38 Session 459 08:00 - 09:30

Poster session: Clinical characteristics and mechanisms of rare parenchymal lung diseases

Disease(s) : Interstitial lung diseases

Method(s) : Cell and molecular biology Epidemiology General respiratory patient care Imaging Public health Pulmonary function testing Transplantation

Tag(s) : Basic science, Clinical

Chairs : Davide Piloni (Pavia, Italy), Anna Lindahl (Helsinki, Finland), Fabio Arimura (São Paulo (SP), Brazil)

Automated quantification of CT imaging metrics in lymphangioleiomyomatosis Bingyi Liu (Wuhan, China), Wenxue Bai, Min Xie	**PA5267**
Lymphangioleiomyomatosis in Türkiye: Real-World Data from the TRILD Registry Nazli Cetin (Afyonkarahisar, Türkiye), Orkun Eray Terzi, Burcu Baran, Ozlem Ozdemir Kumbasar, İlker Yilmam, Gulfer Okumus, Aylin Ozgen Alpaydin, Sureyya Cetin Yilmaz, Ilknur Basyigit, Zuleyha Bingol, Aliye Gamze Calis, Ozge Oral Tapan, Kubra Gungor, Senay Yilmaz, Gokhan Altan, Ismail Hanta, Nesrin Ocal, Sibel Nayci, Nazli Huma Teke, Enver Yalnız, Damla Serce Unat, Asli Alkan, Adil Zamani, Birsen Ocakli, Gulru Polat, Sermin Borekci, Bugra Kerget, Talat Kilic, Yelda Varol, Nurdan Kokturk, Fatma Arslan, Oguz Karcioglu, Aycan Yuksel, Elif Yelda Ozgun Niksarlioglu, İnci Gulmez, Burcu Ozdemir, Pinar Yildiz Gulhan, Serap Argun Baris, Ersin Alkilinc, Ahmet Ursavas, Gulsah Gunluoglu, Derya Kocakaya, Emine Aksoy, Hulya Dirol, Ilgim Vardaloglu, Habibe Hezer, Isil Uzel, Pelin Duru Cetinkaya, Eylem Sercan Ozgur, Goksel Altinisik	**PA5268**
Diagnostic and prognostic potential of inflammatory biomarker ratios in Lymphangioleiomyomatosis Donal O'Malley (Dublin, Ireland), Niamh Boyle, Helen O'Brien, Aoife Hunter, Alessandro N Franciosi, Patrick J Twomey, Michael P Keane, Adam J Byrne, Cormac McCarthy	**PA5269**
Characteristics of lymphangioleiomyomatosis in a national referral centre and impact of developing a national VEGF-D testing service Sorcha Murray (Dublin, Ireland), Donal O'Malley, Niamh Boyle, Helen O'Brien, Michael P. Keane, Cormac McCarthy	**PA5270**
Lymphangioleiomyomatosis in Greece-Cyprus-Türkiye: answers from a real-life world study Eirini Skontzou (Athens, Greece), Effrosyni D. Manali, Lykourgos Kolilekas, Nesrin Mogulkoc, Burak Gökçe, Efsun Gonca Uğur Chousein, Fatma Gülsüm Karakaş, Andriana I. Papaioannou, Tonia Adamide, Frangiskos Frangopoulos, Anastasia Levounets, Vasiliki Athanasopoulou, Ifigenia Nakou, Evangelia Koukaki, Elvira-Markela Antonogiannaki, Ilias Dimeas, Eleni Stagaki, Stamatia Markou, Maria Kallieri, Dimitrios Chatzis, Spyridon Prountzos, Georgios Margaritopoulos, Grigorios Stratakos, Eleftherios Zervas, Zoe Daniil, Erdoğan Çetinkaya, Spyros A. Papiris	**PA5271**
CCL14 serves as a novel indicator of disease severity and progression in lymphangioleiomyomatosis Min Xie (Wuhan, China), Wenxue Bai	**PA5272**
Circulating myeloid dendritic cells in isolated pulmonary Langerhans cell histiocytosis Abdellatif Tazi (Paris, France), Okan Ayas, Julie Helft, Vassili Soumelis, Amira Benattia, Tom Hutteau-Hamel	**PA5273**
Pulmonary Hypertension in Pulmonary Langerhans Cell Histiocytosis: insights from 71 patients Maria Kokosi (London, United Kingdom), Ramdeep Bajwa, Amira Benattia, Carmel Stock, Manuel Lopez Meseguer, Effrosyni Manali, Berta Saez Gimenez, Cormac McCarthy, Donal O'Malley, Frantzeska Frantzeskaki, Ioannis Tsagkaris, Elzbieta Radzikowska, Claudia Ravaglia, Roberto Cassandro, Davide Elia, Spyridon Papiris, Venerino Poletti, Sergio Harari, Peter George, Laura Price, Abdellatif Tazi, Athol Wells	**PA5274**
Factors Associated with Disease Progression in Pulmonary Langerhans Cell Histiocytosis: Data from the TRILD Registry Ilgim Vardaloglu (Istanbul, Türkiye), Nazli Cetin, Celalettin Korkmaz, Serap Argun Baris, Serhat Erol, Gulfer Okumus, Pinar Yildiz Gulhan, Ozlem Ozdemir Kumbasar, Talat Kilic, Ramazan Eren, Elif Yildirim, Kubra Gungor, Zuleyha Bingol, Eylem Sercan Ozgur, Oguz Uzun, Inci Gulmez, Sureyya Cetin Yilmaz, Elif Yelda Ozgun Niksarlıoglu, Goksel Altinisik, Birsen Ocakli, Ceren Degirmenci, Aliye Gamze Calis, Ersin Alkilinc, Sermin Borekci, Nurdan Kokturk, Fatma Arslan, Senay Yilmaz, Omer Ozbudak, Oguz Karcioglu, Gulsah Gunluoglu, Isil Uzel, Ferhan Karatas, Aylin Ozgen Alpaydin, Fatma Ozbaki, Emine Aksoy, Ozer Ozdemir, Aysegul Gencer, Kubra Taskaraca Karabacak, Mehmet Parlak, Hulya Dirol, Aycan Yuksel, Orkun Eray Terzi, Gokhan Altan, Ceren Ilgar Akelma, Aysu Sinem Koc, Gulru Polat, Burcu Baran, Derya Kocakaya, T TRILD Study Group, Ilknur Basyigit	**PA5275**

Real-world pulmonary phenotype and diagnostic pathways in Birt–Hogg–Dubé syndrome: a nationwide multicenter cohort Göksel Altınışık (Denizli, Türkiye), Orkun Eray Terzi, Nazlı Cetin, Göksel Altinisik Ergur, Damla Serce Unat, Veli Cetinsu, Gokhan Altan, Sureyya Cetin Yilmaz, İlker Yilmam, Ozlem Ozdemir Kumbasar, Aylin Ozgen Apayadın, Bugra Kerget, Merda Erdemir Isık, Cisem Kalyoncu Sarioglu, Mehmet Parlak, Bariş Demirkol, Zuleyha Bingol, Nurdan Kokturk, Ismail Hanta, Elif Yelda Ozgun Niksarlioglu, Sehnaz Olgun Yildizeli, Fatma Arslan, Gülgün Cetintas Avsar, Oğuz Karcioglu, Aliye Gamze Calis, Kubra Gungor, Nermin Özen, Aslı Alkan, Fatma Tokgoz Akyil, Nazlı Huma Teke, Emine Aksoy, Merve Ayik Türk, Emine Arduger, Habibe Hezer, Ferhan Karatas, Aycan Yuksel, Ilgım Vardaloglu Koyuncu, Ramazan Eren, Ceren Degirmenci, Ceren Ilgar Akelma, Aysu Sinem Koc, Gulru Polat, Burcu Baran, Derya Kocakaya, Eylem Sercan Ozgur, Serhat Erol	**PA5276**
Diffuse Cystic Lung Diseases in Türkiye: TRILD National Multicenter Cohort Analysis Gökhan Altan (Istanbul, Türkiye), Nazlı Çetin, Orkun Eray Terzi, Özlem Özdemir Kumbasar, Gülfer Okumuş, Göksel Altınışık, Serhat Erol, Eylem Sercan Özgür, Süreyya Çetin Yılmaz, İlknur Başyiğit, Kübra Güngör, Celalettin Korkmaz, Burcu Baran, Damla Serçe Unat, Serap Argun Barış, İlker Yılmam, Pınar Yıldız Gülhan, Aliye Gamze Çalış, Ramazan Eren, Talat Kılıç, Aylin Özgen Alpaydın, Elif Yelda Özgün Niksarlıoğlu, Elif Yıldırım, İnci Gülmez, Şenay Yılmaz, Veli Çetinsu, Aslı Alkan, Birsen Ocakli, Oğuz Uzun, Nurdan Köktürk, Ersin Alkılınç, Fatma Arslan, Oğuz Karcıoğlu, Emine Aksoy, Ceren Değirmenci, Özge Oral Tapan, Çisem Kalyoncu Sarıoğlu, Mehmet Parlak, Gülru Polat, Derya Kocakaya, Aycan Yüksel, Aysu Sinem Koç, Ilgım Vardaloğlu, Ceren Ilgar Akelma, Hülya Dirol, Şermin Börekçi, Nazlı Hüma Teke, İsmail Hanta, T TRILD Study Group, Züleyha Bingöl	**PA5277**
Prospective familial screening of pulmonary and systemic manifestations in Birt–Hogg–Dubé syndrome Ecem Ataş (Istanbul, Türkiye), Gulfem Ozduygu, Ihsan Topaloglu, Eren Erdogdu, Cem Ozic, Seda Tural	**PA5278**
The nodular air bronchogram sign is useful in distinguishing GLILD from sarcoidosis: a case–control study Alexandre Franco Amaral (São Paulo (SP), Brazil), Gabriel Navarrete, Eduardo Kaiser Ururahy Nunes Fonseca, Vitória Oliveira Fiorini, Cristina Maria Kokron, Ronaldo Adib Kairalla, Bruno Guedes Baldi	**PA5279**
Granulomatous–Lymphocytic Interstitial Lung Disease Beyond Common Variable Immunodeficiency: A Manifestation of Immune Dysregulation Jehad Azar (Scottsdale, United States), Abdulrahman M. Karam, Henry D Tazelaar, Brandon T Larsen, Alex M Wonnaparhown, Alexei Gonzalez-Estrada, Michael B Gotway, Roberto Benzo, Ronald Joseph Mittel, Muhammad Naeem	**PA5280**
CT Reticulations and Anti-IL5/IL-5r Response in Idiopathic Chronic Eosinophilic Pneumonia: a Multicenter Study Eleonora Ruzzini (Susegana, Italy), Gioele Castelli, Daniele Previtero, Francesca Scalvenzi, Alvise Berti, Tommaso Pianigiani, Paolo Cameli, Elena Bargagli, Andrea Portacci, Giovanna Elisiana Carpagnano, Marta Maggisano, Francesco Salton, Barbara Ruaro, Chiara Lupia, Corrado Pelaia, Andrea Giovanni Ledda, Giulia Costanzo, Stefano Del Giacco, Anna Quinternetto, Stefania Nicola, Luisa Brussino, Francesco Menzella, Marco Zurlo, Marco Caminati, Federica Davanzo, Roberto Padoan, Elisabetta Balestro, Paolo Spagnolo, Umberto Semenzato	**PA5281**
Type 2 Biologics as Steroid-Sparing Therapy in Idiopathic Chronic Eosinophilic Pneumonia: A Multicenter Study Daniele Previtero (Padova, Italy), Gioele Castelli, Eleonora Ruzzini, Francesca Scalvenzi, Alvise Berti, Tommaso Pianigiani, Paolo Cameli, Elena Bargagli, Andrea Portacci, Giovanna Elisiana Carpagnano, Marta Maggisano, Francesco Salton, Paola Confalonieri, Chiara Lupia, Corrado Pelaia, Andrea Giovanni Ledda, Giulia Costanzo, Stefano Del Giacco, Anna Quinternetto, Stefania Nicola, Luisa Brussino, Francesco Menzella, Marco Zurlo, Marco Caminati, Federica Davanzo, Roberto Padoan, Elisabetta Balestro, Paolo Spagnolo, Umberto Semenzato	**PA5282**
What Do Physicians Experience and Expect About LAM: A Survey from Turkey Göksel Altınışık (Denizli, Türkiye), Nazli Cetin, Aycan Yuksel, Eylem Sercan Ozgur, Serhat Erol	**PA5283**
Real-World Characteristics of Rare Interstitial Lung Diseases: Results from the TRILD Registry Nazli Cetin (Afyonkarahisar, Türkiye), Orkun Eray Terzi, Goksel Altinisik, Ozlem Ozdemir Kumbasar, Ilknur Basyigit, Sureyya Cetin Yilmaz, Burcu Baran, Asli Alkan, Kubra Gungör, Zuleyha Bıngol, Gülfer Okumus, Gokhan Altan, Serhat Erol, Habibe Hezer, Serap Argun Baris, Oguz Karcioglu, Inci Gulmez, Pinar Yildiz Gulhan, Damla Serce Unat, Celalettin Korkmaz, Omer Ozbudak, Nurdan Kokturk, Talat Kilic, Gulsah Gunluoglu, Aliye Gamze Calis, Hulya Dirol, Mehmet Parlak, Kubra Taskaraca Karabacak, İlker Yilmam, Senay Yilmaz, Elif Yelda Niksarlioglu, Elif Yıldırım, Nesrin Ocal, Oguz Uzun, Fatma Arslan, Aylin Ozgen Alpaydin, Ramazan Eren, Emine Aksoy, Ezgi Demirdogen, Sermin Borekci, Nazli Huma Teke, Derya Kocakaya, Gulru Polat, Aycan Yuksel, Ceren İlgar Akelma, Ilgim Vardaloglu, Ceren Degirmenci, Aysu Sinem Koc, TRıld TRILD Study Group, Eylem Sercan Ozgur	**PA5284**
Not All Cysts Are the Same: A Single-Center Experience in Cystic Lung Diseases Zuleyha Bingol (Istanbul, Türkiye), Ayse Nur Ertugrul, Gokhan Altan, Esen Kıyan, Gulfer Okumus	**PA5285**

PS-39 Session 460 08:00 - 09:30

Poster session: Integrating biomarkers, imaging and haemodynamics for evaluation and risk stratification in pulmonary hypertension

Disease(s) : Pulmonary vascular diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Imaging | General respiratory patient care | Transplantation | Endoscopy and interventional pulmonology | Physiology | Pulmonary rehabilitation | Pulmonary function testing | Epidemiology | Respiratory intensive care

Tag(s) : Clinical, Translational , Digital health

Chairs : Anton Vonk Noordegraaf (Amsterdam, Netherlands), Andrea Baccelli (London, United Kingdom), Olga Tura-Ceide (Barcelona, Spain)

Late Breaking Abstract - Exploratory analysis of a PDGFRB protein quantitative trait locus and seralutinib treatment response in the phase 3 PROSERA PAH study Robin Osterhout (San Diego, United States), Raymond L. Benza, Richard N. Channick, Kelly M. Chin, Robert P. Frantz, Hossein-Ardeschir Ghofrani, Anna R. Hemnes, Luke S. Howard, Vallerie V. McLaughlin, Gisela Meyer, Sandeep Sahay, Olivier Sitbon, Jean-Luc Vachiéry, Roham T. Zamanian, Peter Agron, Robert F. Roscigno, Rainer Zimmermann, Jean-Marie Bruey, David Montani	**PA5286**
O2 pulse kinetics as a marker of cardiovascular limitation in pulmonary hypertension Sirpi Selvaraju (Sheffield, United Kingdom), Ian Smith, Ellis Cerrone, Rahul Mohanraj, Robin Condliffe, Charlie Elliot, Abdul Hameed, Judith Hurdman, Alexander Rothman, Andrew Swift, David Kiely, Roger Thompson, Athanasios Charalampopoulos	**PA5287**
Cardiac involvement in patients with X-linked hypophosphatemia: focus on the right ventricle Oleksandr Vyshnievskyi (Duesseldorf, Germany), Johannes Kara-Schmidt, Jochen Zange, Jens Tank, Jens Jordan, Oliver Semler, Eckhard Schoenau, Joern Rittweger, Lothar Seefried, Dennis Ladage, Fabian Hoffmann	**PA5288**
CT-derived pectoralis muscle area, density and intramuscular fat percentage independently predicts mortality in pulmonary hypertension associated with chronic lung disease Krit Dwivedi (Sheffield, United Kingdom), Keenan Wells, Alireza Hokmabadi, Abdul Hameed, Samer Alabed, Michael Sharkey, Ahmed Maiter, Alex Rothman, Athanasios Charalampopoulos, Charlie Elliot, Judith Hurdman, Robin Condliffe, Smitha Rajaram, Catherine Hill, Iain Armstrong, Neil Hamilton, Ellis Cerrone, Rebecca Burney, James Wild, Roger Thompson, David Kiely, Andrew Swift	**PA5289**
Maternal and pregnancy outcomes in women with pulmonary hypertension: results from the ASPIRE Registry Rebecca Burney (Sheffield, United Kingdom), Tessa Bonnett, Karen Selby, Abigail Magro, Shruti Kulkarni, Ellis Cerrone, Neil Hamilton, Lisa Martin, Tim Orr, James Nicholas, Victoria Wilson, Athanasios Charalampopoulos, Charlie Elliot, Abdul Hameed, Judith Hurdman, Alex Rothman, Roger Thompson, Robin Condliffe, Ruth Newton, David Kiely	**PA5290**
Incidental aortic valve calcium predicts mortality independent of haemodynamics in PAH and CTEPH Nithin Karthikeyan (Sheffield, United Kingdom), Alireza Hokmabadi, Michael Sharkey, Samer Alabed, Abdul Hameed, Mahan Salehi, Athanasios Charalampopoulos, David Kiely, Andrew Swift	**PA5291**
Early Hemodynamic, Functional, and Regional Quantitative CT Response to Sotatercept in Pulmonary Hypertension With COPD and Systemic-Sclerosis: A Paired Case Analysis Parth M Rali (Philadelphia, United States), Giorgi Chilingarashvili, Farbood N Rahaghi	**PA5292**
Exercise-induced B-lines differentiate group 2 from group 1 pulmonary hypertension Laura Hardy (Leuven, Belgium), Laurent Godinas, Alexandros Kalkanis, Tim Van Puyvelde, Bert Popelier, Guido Claessen, Rik Willems, Marion Delcroix	**PA5293**
Innovative Portable Breathomic Technology for Distinguishing Connective Tissue Diseases Associated Pulmonary Arterial Hypertension Xingbei Dong (Beijing, China), Minhua Peng, Zhenguang Chen, Pengnan Fan, Junyan Qian, Jiuliang Zhao, Dong Xu, Xiangfeng Li, Shuang Cui, Jun Kong, Weiliang Liang, Shuo Hong, Xiangcheng Qiu, Sitong Chen, Jinmin Peng, Junqi Wang, Qian Wang, Mengtao Li, Xiaofeng Zeng	**PA5294**
Non-invasive identification of elevated pulmonary vascular resistance in pulmonary hypertension due to left heart disease Carlos Blanco (Madrid, Spain), Laurent Godinas, Win Janssens, Maarten De Vos, Mathias Leys, Jean Luc Vachiery, David Ruttens, Laura Hardy, Kenneth Verstraete, Maite Velazquez, Pilar Escribano, Marion Delcroix	**PA5295**

Development and assessment of a pulmonary hypertension risk prediction nomogram in fibrosing interstitial lung diseases. PA5296
Isabel Alfaya Fiaño (barcelona, Spain), David Rodríguez Plaza, Isabel Alfaya, Sonia López Monzoni, Marta Hernandez Argudo, Guadalupe Bermudo, Vanesa Vicens Zygmunt, Yolanda Ruiz, Judith Peñafiel, Belén Del Río, Ángela Díaz Cárdenas, Salud Santos, María Molina Molina, Jesus Ribas

Correlation Between Pulmonary Function Tests and Echocardiographic Parameters as Indicators of Ventricular Dysfunction and Pulmonary Hypertension in Patients with Systemic Sclerosis PA5297
Antonia Montella (Napoli, Italy), Vito D'Agnano, Aniello Tinto, Antonio Orlando, Linda Franzese, Domenica Francesca Mariniello, Michele D'Alto, Andrea Bianco, Fabio Perrotta

Impact of Risk Stratification in Pulmonary Arterial Hypertension on Access to Lung Transplantation and Its Outcomes PA5298
Daniel Ramos Chaves (Argentona, Spain), Juan José Chiriboga, Arianna Andrade, Cristina Berastegui, Berta Saez-Giménez, Eva Revilla-López, Álvaro Cantero, Cristina Romero, Ana Villar, Manuel López-Meseguer

Transbronchial cryobiopsy is safe for patients with echocardiographic evidence of pulmonary hypertension: A blinded prospective cohort study PA5299
David Shitrit (Jerusalem, Israel), Hadas Gilboa-Sagy, Ayal Romem, Elad Guber, Gali Epstein Shochet, Andy Eyre, Yoram Neuman

Performance of oxygen desaturation in the 6-minute walk test in predicting sustained nocturnal hypoxemia in adults with precapillary pulmonary hypertension: a Brazilian cross-sectional study. PA5300
Marcia De Sousa Murta (Rio De Janeiro (RJ), Brazil), Daniel Waetge, Alexandre Pinto Cardoso, Fernanda Carvalho Queiroz Mello, Ricardo Luiz Menezes Duarte

Prognostic significance of heart rate recovery after 6-minute walk test in pulmonary arterial hypertension PA5301
Krittika Teerapuncharoen (Bangkok, Thailand), Sojirat Wiwatcharoenkul, Suree Sompradekul

Right Atrial–Ventricular Coupling Indexed as non-invasive marker of RV diastolic stiffness in Pulmonary Arterial Hypertension PA5302
Nikki Stok (Amsterdam, Netherlands), Lucas R. Celant, Lilian J. Meijboom, Harm Jan Bogaard, Anton Vonk Noordergraaf, Jessie van Wezenbeek, Frances S. de Man

Hyperpolarised 129Xe MRI evaluation of pulmonary gas exchange in systemic sclerosis patients undergoing right heart catheterisation PA5303
Roger Thompson (Sheffield, United Kingdom), Laura Saunders, Scarlett Strickland, Muad Almsaaid, Guilhem Collier, Paul Hughes, Rebecca Burney, Ian Smith, Laurie Smith, Graham Norquay, Jemima Pilgrim-Morris, Helen Marshall, Alberto Biancardi, Mack Caraher, Shruti Kulkarni, Felicity Hitchcock, Neil Stewart, Charlie Elliot, Judith Hurdman, Abdul Hameed, Athanasios Charalampopoulos, Andy Swift, Alex Rothman, Robin Condliffe, David Kiely, Jim Wild

Liver Stiffness at Diagnosis is a Prognostic Marker in Pulmonary Hypertension PA5304
William Kerrigan (Clydebank, United Kingdom), Alexander MacLellan, Ewan Forrest, Mark Petrie, Melanie Brewis, Martin Johnson, Colin Church

Discriminative ability of distance–saturation product and six-minute walk distance for identifying risk status in pulmonary arterial hypertension PA5305
Pinar Merç (Ankara, Türkiye), Rengin Demir, Melih Zeren, Ümit Yaşar Sinan, Mehmet Serdar Küçükoğlu

PS-4 Session 461 08:00 - 09:30

Poster session: Pulmonary rehabilitation united for better breathing and physical activity: partnership with patients

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Pulmonary rehabilitation General respiratory patient care Palliative care Public health Pulmonary function testing

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Felipe Machado (Hasselt, Belgium), Enya Daynes (Leicester, United Kingdom), William Man (Harefield, United Kingdom)

Association between self-management behaviours and clinical outcomes of pulmonary rehabilitation in participants with COPD PA5306
Benjamin Dionne (Montreal, Canada), Dan Nguyen, David Fung, Claudia Leblanc, Bryan Ross

Exploring patient adherence to COPD exacerbation action plans and self-management skill development over time PA5307
Jade Schrijver (Enschede, Netherlands), Anke Lenferink, Paul Van Der Valk, Tanja Effing, Job Van Der Palen, Marjolein Brusse-Keizer

Pilot testing a brief pre-consultation medicines adherence screener in Pulmonary Rehabilitation George D Edwards (London, United Kingdom), Yamann Sawan, Jennifer M Stevenson, John Weinman, Kerry Harding, Sacarra Lee, Karen Ingram, Claire M Nolan, Gillian Doe, William D-C Man	**PA5308**
Does illness acceptance influence the response to pulmonary rehabilitation in chronic respiratory diseases? Caroline Theillier (Bouvignies, France), Jean-Marie Grosbois, Emeline Cailliau, Sarah Gephine, Olivier Le Rouzic	**PA5309**
From lungs to mind: coping styles and self-esteem associated with functional status in COPD Alexandru Florian Crisan (Timisoara, Romania), Camelia Corina Pescaru, Adelina Maritescu, Emanuela Tudorache, Cristian Oancea	**PA5310**
Exploring air quality awareness in adults with chronic lung diseases Aslihan Cakmak-Onal (Ankara, Türkiye), Elif Kocaaga, Aydan Asli Aksel-Uylar, Melda Saglam, Ebru Calik, Ziya Toros Selcuk, Deniz Inal-Ince, Naciye Vardar-Yagli	**PA5311**
Monitoring symptoms and performance in rehabilitation: can we detect COPD exacerbation? Margaux Machefert (Le Havre, France), Yann Combret, Bertrand Selleron, Guillaume Galliou, Mathieu Delorme, Claire Dubois, Bouchra Lamia, Roger Hilfiker, Guillaume Prieur, Clément Medrinal	**PA5312**
Physical therapists and patients' perspectives on blended care for COPD self-management in primary care: a qualitative study Aline Broekema (Amsterdam, Netherlands), Daniel Bossen, Bart Visser, David Neal, Harm Gijsbers, Peter Alexander van de Hoef, Peter Klijn, Eline bij de Vaate, Paul Keessen	**PA5313**
Exploring COPD patients' experiences of pulmonary rehabilitation referral conversations: a qualitative secondary analysis Logan Schuck (London, United Kingdom), Rachel Tuffnell, Andrew McEwen, Barbara Newman, Nithi Sivasubramaniam, Cherry Kilbride, Emma Norris, Sophia Papadakis, Michael Steiner, Elaine Bevan-Smith, William D-C Man, Stephanie JC Taylor, Liz Steed, Claire M Nolan	**PA5314**
Significant Palliative Care Needs Exist Even in Mild Breathlessness: A Secondary Analysis of Trial Data Mevhibe B. Hocagoglu (London, England, United Kingdom), Juan Pablo Alvarez Ayala, Irene J. Higginson, Charles C. Reilly	**PA5315**
Relevance and feasibility of potential health care services to address the needs of persons with advanced COPD and their informal caregivers: Results from an online Delphi-survey among healthcare professionals in Germany Kira Schmidt-Stiedenroth (Düsseldorf, Germany), Stefanie Keymel, Julia Salandi, Alexandra Schmidt, Balam Er Dedekarginoglu, Stefanie Paniczek, Anette Scholz, Jacqueline Schwartz, Kathrin Fricke, Achim Mortsiefer, Martin Neukirchen, Adrian Loerbroks	**PA5316**
Properties of breathlessness patient-reported outcome measures (PROMs): A systematic reviw Iridu Basnayake (Leicester, United Kingdom), Enya Daynes, Sally Singh, Samantha Winter, Gillian Doe, Saul Lovatt Lovatt, Priscilla Akosile, Amirah Essop-Adam	**PA5317**
Dyspnea as an independent predictor of balance performance in stable COPD: A cross-sectional study Canan Demir (Balikesir/Bandirma, Türkiye), Gulhan Yilmaz Gokmen, Dilber Durmaz	**PA5318**
Adherence and patient experience after outpatient versus inpatient initiation of non-invasive ventilation in amyotrophic lateral sclerosis: a randomized controlled trial Janne Stokholm (Glostrup, Denmark), Simone Küchen, Kirsten Moeller, Mona Gätke, Kirsten Svenstrup, Anne Kathrine Staehr-Rye	**PA5319**
The relationship of objective and subjective physical activity with social isolation and loneliness in COPD over time Sara Buttery (London, United Kingdom), Keir E J Philip, Alexis M Perkins, Parris J Williams, Michael I Polkey, Victoria Alcarez-Serrano, Claudia Armengol, Clemens Becker, Astrid Blondeel, Joren Buekers, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Heleen Demeyer, Anja Frei, Elena Gimeno-Santos, Emily Hume, Alicia Josa, Sarah Koch, Dimitrios Megaritis, Pauline Mellaerts, Simone Pancera, Milo Puhan, Lynne Rochester, Henrik Watz, Ioannis Vogiatzis, Thierry Troosters, Judith Garcia-Aymerich, Nicholas S Hopkinson	**PA5320**
Effectiveness of Breathefree Lung Care Program in Patients with Chronic Respiratory Diseases Meena Lopez (Mumbai, India), Amit Gawnde, Miti Shah, Rohan Gupta, Vaishali Naik, Senthilnathan Mohanasundaram, Jaideep Gogtay, Alisha Shirsat, Devanshi Jobanputra	**PA5321**
Physical activity is more strongly associated with social frailty than with physical frailty in chronic respiratory disease Kazuya Shingai (Kitakyushu, Japan), Yo Uema, Tomoyuki Ikeuchi, Ryo Kozu, Katsuyuki Ichiki, Takeo Jimi, Testsuya Kawano, Kaori Kato, Tohru Tsuda	**PA5322**

Determinants of physical activity in adults with COPD: a European study **PA5323**
Andreia Félix (Monção, Portugal), Ana Catarina Maia, Maria Loureiro

Development of a simple reference equation for determining the standard daily steps for individual COPD patients **PA5324**
Yoshiaki Minakata (Hidaka-gun, Japan), Seigo Sasaki, Yusuke Murakami, Kazumi Kawabe, Hideya Ono, Koichiro Takahashi, Takeshi Hattori, Yasushi Tanimoto, Kazuto Matsunaga, Kazuhisa Asai, Satoshi Fuke, Shinji Tamaki, Keisuke Miki, Toru Arai, Ryoji Ito, Shohei Takata, Kensuke Sumi

PS-40 Session 462 08:00 - 09:30

Poster session: Pulmonary embolism poster session: featuring the top-ranked abstracts

Disease(s) : Pulmonary vascular diseases Thoracic oncology

Method(s) : Imaging Cell and molecular biology Epidemiology Respiratory intensive care General respiratory patient care Public health

Tag(s) : Clinical, Translational

Chairs : Nesrin Öcal (Ankara, Türkiye), Aleksandar Bokan (Loewenstein, Germany), Zacharias Diakonikolaou (Athens, Greece)

Late Breaking Abstract - Can non-contrast chest CT predict pulmonary embolism in cancer patients? A radiomics and machine learning study integrating clinical data **PA5325**
yixin Lian (Suzhou, China), Shiyuan Gao

Lung Ventilation–Perfusion PET/CT for the diagnosis of pulmonary embolism: a diagnostic accuracy study versus CT pulmonary angiography **PA5326**
Pierre-Yves Le Roux (Brest, France), Frederique Blanc-Beguin, Brieg Dissaux, Simon Hennebicq, Pierre-Luc Lissillour, Cécile Tromeur, Romain Le Pennec, David Simon, Francis Couturaud, Gregoire Le Gal, Philippe Robin, Pierre-Yves Salaun

A predictive model for venous thromboembolism in advanced lung cancerchemo-immunotherapy as a protective factor **PA5327**
Yongjie Ding (Shanghai, China), Yaru Yan, Yingjia Sun, Xianwen Sun, Qingyun Li

Combined shock index and lactate assessment for mortality risk stratification in acute pulmonary embolism **PA5328**
Aleyna Yıldırım (ıstanbul, Türkiye), Gulfem Ozduygu, Ihsan Topaloglu, Kaan Kara, Neslihan Boyracı, Seda Tural

When the Hospital Is the Risk Factor: Temporal Trends in In-Hospital Pulmonary Embolism Outcomes. **PA5329**
Paula Otero-Chamoso (Sevilla, Spain), Mario Aláez-Gómez, Sergio López-Ruz, Carmen Rosa-Linares, Maria Barca-Hernando, Luis Jara-Palomares

Short-term performance of bleeding risk scores in anticoagulated older patients with acute pulmonary embolism **PA5330**
Yuzhi Tao (Beijing, China), Xianglong Meng, Shengfeng Wang, Zhenguo Zhai

Peripheral Blood Mononuclear Cell Transcriptome Analysis in Chronic Thromboembolic Pulmonary Hypertension: Differences Between Central and Peripheral Types **PA5331**
Keiko Yamamoto (Chiba, Japan), Shun Sato, Yukiko Takahashi, Rika Suda, Jun Nagata, Akira Naito, Ayumi Sekine, Toshihiko Sugiura, Ayako Shigeta, Nobuhiro Tanabe, Koichiro Tatsumi, Takuji Suzuki

Bust a Clot? Assessing the CPES Score in Acute Pulmonary Embolic Disease **PA5332**
Claire Hardy (Neston, United Kingdom), Amro Fedail, Alen Joy, Oishee Bandyopadhyay, Dylan Kane, Niamh Goodwin-Thomas, Vincent Williamson, Zaroug Wahbi, Mark Nugent

Single-cell atlas reveals myeloid heterogeneity and SPP1+ monocyte-driven thrombus organization in acute pulmonary embolism **PA5333**
Maohe Chen (Putian, China), Hanbin Lin, Shi Chen, Fajiu Li

Troponin positivity outperforms clinical risk scores in young adults with pulmonary embolism: a 15-year retrospective study **PA5334**
Sümeyye Kodalak Cengız (Ankara, Türkiye), Ozlem Gargi, Kıvılcım Oguzulgen

Evaluation of D-dimer Use in the Investigation of Suspected Pulmonary Embolism and Deep Vein Thrombosis Across a Trust in Northern Ireland **PA5335**
Samuel Barrett (Belfast, United Kingdom), Hateem Rafeeque

Effect of Malignancy on Clinical Severity of Pulmonary Embolism **PA5336**
Feride Marim (Kutahya, Türkiye), Serife Kaya, Mehmet Dogan, Ilknur Kaya, Sebnem Emine Parspur, Umran Erbay

Chronic thromboembolic pulmonary disease after pulmonary embolism:Insights from the CURES study **PA5337**
Yishan Li (Beijing, China), Yunxia Zhang, Wanmu Xie, Zhenguo Zhai

Suction thrombectomy in acute pulmonary embolism with preexisting pulmonary hypertension: a case series. **PA5338**
Sarah Newhouse (Bedford Park, Australia), Joseph Inuaen, Jason D'Costa, Tam Vo, Chris Delaney, Daniel Koh, James Gunton

A New Predictive Model for Venous Thromboembolism Risk in Patients Diagnosed with Non-Small Cell Lung Cancer **PA5339**
Sevde Ozenoglu Kosak (Ankara, Türkiye), Asli Alkan, Burak Yasin Aktas, Sevilay Karahan, Deniz Koksal, Mustafa Erman, Sevinc Sarinc

External validation of the multimarker calculator for predicting mortality in pulmonary embolism: from the CURES registry **PA5340**
Yuzhi Tao (Beijing, China), Xianglong Meng, Shengfeng Wang, Zhenguo Zhai

Performance of risk assessment models for HA - VTE: a systematic review and multicenter prospective validation **PA5341**
Mengyao Li (Beijing, China), Zhenguo Zhai, Zhu Zhang

In-Suite Pulmonary Embolism Critical Care Management During Thrombectomy **PA5342**
Timothy Morris (San Diego, United States), Jenny Yang, Timothy Fernandes, Demosthenes Papamatheakis, Mona Alotiabi, Zachary Berman

Long-term non-invasive mechanical ventilation may lower thromboembolic risk in patients with chronic respiratory failure **PA5343**
Aleksandra Kruk (Kraków, Poland), Emanuel Kolanko, Joanna Natorska, Michał Ząbczyk

Piezo1-Mediated Mechanosensation Promotes Venous Thrombosis through Endothelial Activation and Neutrophil Recruitment **PA5344**
xiaofan JI (, China), Kuangxun Li, Peiran Yang, Zhenguo Zhai, Zhu Zhang

PS-41 Session 463 08:00 - 09:30

Poster session: Bronchoscopic lung volume reduction

Disease(s) : Airway diseases Thoracic oncology Sleep and breathing disorders Respiratory critical care

Method(s) : Endoscopy and interventional pulmonology Physiology Pulmonary function testing Surgery General respiratory patient care Imaging Public health Respiratory intensive care

Tag(s) : Clinical

Chairs : Ralf Eberhardt (Hamburg, Germany), Gianna Vargas Centanaro (Madrid, Spain), Arschang Valipour (Wien, Austria)

Late Breaking Abstract - Endobronchial Valve Therapy Reshapes Left Ventricular Mechanics in Severe Emphysema: A Prospective Speckle-Tracking Study **PA5345**
Mingming Deng (Beijing, China), Zhuofan Li, Gang Hou

Bronchoscopic and Surgical Lung Volume Reduction: a Step-Up Treatment Approach **PA5346**
Emma Annema (Amsterdam, Netherlands), Martijn van Dorp, Chris Dickhoff, Jerry Braun, David Heineman, Toon Winkelman, Marianne van de Pol, Hans Daniels, Peter Bonta, Jouke Annema

Predicting outcomes in bronchoscopic lung volume reduction: the role of CT:VQ imaging **PA5347**
Kris Nilsen (Melbourne, Australia), Nina Eikelis, Cheng-Ju Tsai, Else AMD ter Haar, Derk Jan Slebos, Joorine E Hartman

Beyond spirometry: responsiveness of gas transfer parameters and their predictive value for lung functional and clinical response in lung volume reduction. **PA5348**
Mathieu Brancaleone (Leuven, Belgium), Hannelore Geysen, Laurens J Ceulemans, Wim Janssens, Stephanie Everaerts

Impact of Baseline FEV_1 on Complications Following Bronchoscopic Thermal Vapor Ablation: A Multinational BTVA Registry Study Enikő Fuchs (Heidelberg, Germany), Konstantina Kontogianni, Arschang Valipour, Theresa Klemm, Stephan Eisenmann, Joachim H. Ficker, Daniel P Franzen, Wolfgang Gesierich, Christian Grah, Susannne Dittrich, Peter Hammerl, Martin Hetzel, Teresa Byczkowski, Manuel Feisst, Kaid Darwiche, Felix JF Herth, Franziska C. Trudzinski	**PA5349**
Endobronchial valve treatment improves sleep quality in patients with severe COPD Marlies van Dijk (Groningen, Netherlands), Vera H. van Gijssel, Dirk-Jan Slebos, Karin Klooster, T. David Koster, Else A M D ter Haar, Jorine E. Hartman	**PA5350**
Longitudinal changes in systemic inflammatory markers after bronchoscopic thermal vapor ablation (BTVA) Konstantina Kontogianni (Heidelberg, Germany), A. Susanne Dittrich, Franziska Trudzinski, Philipp Höger, Enikő Fuchs, Arturo Olivares Rivera, Ralf Eberhardt, Judith Maria Brock, Felix J. F. Herth	**PA5351**
Exacerbation rate before and after endobronchial valve treatment of chronic obstructive pulmonary disease Kirstine Hermann Jørgensen (Aarhus, Denmark), Thomas Decker Christensen, Ingrid Louise Titlestad, Jesper Rømhild Davidsen, Kathrine Bock, Kristine Jensen, Michael Perch, Morten Bendixen, Ole Dan Jørgensen, Elisabeth Bendstrup	**PA5352**
Searching for Responders: Six-Month Benefits of Lung Tension Devices in Severely Hyperinflated Heterogeneous Emphysema Thomas Egenod (Limoges, France), Lea Duvivier, Yannick Simonneau, Elsa Clapaud, Julien Mazieres, Gavin Plat, Benoit Aguado, Juliette Edme, Valentin Heluain, Safieddine Douadi, Marie Delort, Nicolas Guibert	**PA5353**
Prevalence of severe emphysema and their suitability for Bronchoscopic lung volume reduction in a lung cancer screening programme Ramamurthy Sathyamurthy (Stockton on Tees, United Kingdom), Matthew Burgess, Richard Hartley, Vytis Dudzevicius, Jonathan Ferguson, Joel Dunning	**PA5354**
The Ventilation-Perfusion Differential Index Assists Target Lobe Selection and Improves V/Q Redistribution for Endobronchial Valve Lung Volume Reduction: A Prospective Study Gang Hou (Beijing, China), Chang Li	**PA5355**
Respiratory muscle recruitment and breathing patterns improve following endobronchial valve treatment Jorine E. Hartman (Groningen, Netherlands), Dirk-Jan Slebos, Marieke L. Duiverman, Linze J. Dijkstra, Else A.M.D. ter Haar	**PA5356**
Long-Term Outcomes of an Implantable Artificial Bronchus in Severe Emphysema Independent of Collateral Ventilation Hugo Goulart De Oliveira (Porto Alegre (RS), Brazil), Marina Ilha de Azambuja, Fernanda Oliveira Batista da Silva, Amanda Reis Guimaraes, Mauricio Guidi Sauressig, Dirk-Jan Slebos, Felix Herth	**PA5357**
Residual volume (RV) better correlates with clinical outcomes than FEV_1 following airway scaffold treatment in emphysema at 12 months Anand Tana (London, United Kingdom), Arschang Valipour, Alvin Ing, Daniel P Steinfort, Christopher M Orton, Karin Klooster, Theresa Klemm, Jonathan P Williamson, Jemma J Christie, Justin L Garner, T David Koster, Raphaela Wahrmann, Marlies van Dijk, Ashish Karir, Martin L Mayse, Dirk-Jan Slebos, Pallav L Shah	**PA5358**
Competing outcomes after endobronchial valves placement in critically ill patients with persistent air leak: chest-tube removal and mortality Antonio Moretti (Modena, Italy), Alessandro Marchioni, Martina Tartaglia, Luca Tabbì, Francesco Livrieri, Roberto Tonelli, Enrico Clini	**PA5359**
Impact of pneumothorax (PTX) on 1-year outcomes after endobronchial valve (EBV) treatment in COPD Karin Klooster (Groningen, Netherlands), Marlies van Dijk, T. David Koster, Sonja Augustijn, Jorine E. Hartman, Dirk-Jan Slebos	**PA5360**
Endobronchial Valve Therapy for Postoperative Bronchopleural Fistula: A Case Series of Seven Patients Treated with Spiration Valves Nader Abdel-Rahman (Jerusalem, Israel), George KalaK, Amir Jarjoui, Gabriel Izbicki	**PA5361**
Electrocardiographic changes during bronchoscopy Manabu Suzuki (Tokyo, Japan), Haruka Kitamura, Shion Maruyama, Seiya Shimura, Yusaku Kusaba, Takako Gotou, Yosie Tsujimoto, Akane Ishida, Masao Hashimoto, Jin Takasaki, Naoki Nishimura, Hiroshi Nokihara, Shinyu Izumi, Masayuki Hojo	**PA5362**

Comparison of three sedation regimens for complex bronchoscopic procedures: an observational study on efficacy, safety, and satisfaction. **PA5363**
Ilaria Giancola (Carmagnola, Italy), Luca Riberi, Letizia Valsecchi, Aleksandar Veljkovic, Massimo Comune

Comfort of Patients undergoing Bronchoscopy with Sedation or General Anesthesia – Pilot Project **PA5364**
Anastasia Papaporfyriou (Vienna, Austria), Serafeim Chrysikos, Argyris Tzouvelekis, Fotios Sampsonas, Georgios Hillas, Panagiota Tsiri, Ioannis Roussis, Marco Idzko, Daniela Gompelmann

PS-42 Session 464 08:00 - 09:30

Poster session: Thoracic ultrasound in health and disease

Disease(s) : Thoracic oncology | Interstitial lung diseases | Sleep and breathing disorders | Airway diseases

Method(s) : Imaging | General respiratory patient care | Physiology | Public health | Pulmonary function testing | Endoscopy and interventional pulmonology | Surgery | Cell and molecular biology

Tag(s) : Clinical

Chairs : Guido Marchi (Pisa, Italy), Deirdre Fitzgerald (Blackrock, Ireland), Arvindran Alaga (Alor Setar (Kedah), Malaysia)

Late Breaking Abstract - Diagnostic yield of endobronchial ultrasound-guided transbronchial needle aspiration and transbronchial cryobiopsy in sarcoidosis: a patient-based analysis **PA5365**
Kadirhan Gürsoy (İstanbul, Türkiye), Gersi Alisha, Ersan Atahan

Value of sinusoid sign in prediction of trapped lung in patients with malignant pleural effusion **PA5366**
Ahmed Kabil (Cairo, Egypt), Moaz Atef

Diagnostic yield of ultrasound guided transthoracic biopsy for peripheral lung and pleural lesions: A single-centre retrospective study from India **PA5367**
Gokul Viknesh Chandrasekar (TIRUPPUR, India), Jitendra Kumar Saini, Lokender Kumar, Prabhpreet Sethi, Swaroon A, Prakash S, Yasir Abdullah

THE ROLE OF ULTRASOUND-GUIDED LUNG BIOPSIES IN PATIENTS WITH THORACIC AND PULMONARY MALIGNANCIES **PA5368**
Raffaella Pagliaro (Alvignano, Italy), Vito D'Agnano, Simona Massa, Fabio Perrotta, Francesco Saverio Cerqua, Luigi Aronne, Ramona Fomez, Andrea Bianco, Carlo Iadevaia

Thoracic ultrasound findings in healthy adults: B-Lines, pleural thickness, and pleural effusion – A pilot study **PA5369**
Berkay Adam Yüksel (Odense C, Denmark), Rasmus Thorsen Larsen, Sanjeewa Patabendige, Jesper Rømhild Davidsen, Christian Borbjerg Laursen

Normal values for shear wave elastography of the lungs in healthy adults: A prospective cohort study **PA5370**
Rasmus Thorsen Larsen (Odense, Denmark), Berkay Adam Yüksel, Sanjeewa Patabendige, Christian Borbjerg Laursen, Jesper Rømhild Davidsen

Inflammation-Driven Diaphragmatic Dysfunction in Chronic Obstructive Pulmonary Disease **PA5371**
Warda Jelassi (Tunis, Tunisia), Abir Hedhli, Mohamed Kacem Ben Fradj, Sameh Hadj Taieb, Yacine Ouahchi, Sana Cheikhrouhou, Meriem Mjid, Sonia Toujani, Moncef Feki, Besma Dhahri

Comparison of ultrasound diaphragm thickening fraction between Amyotrophic Lateral Sclerosis and Spinal Muscle Atrophy patient **PA5372**
Alessio Greco (Milano, Italy), Elisabetta Roma, Valeria Sansone, Emilio Albamonte, Giovanni Colacicco, Alice Zanolini, Stefano Becchiati, Federica Cerri, Raffaella Tanel, Barbara Mercuriali, Lucia Foschi, Riccardo Zuccarino, Massimo Croci

Thoracic ultrasound in non-cystic fibrosis bronchiectasis: preliminary results of a multicenter study **PA5373**
Liliana Calabrese (Foggia, Italy), Giulia Scioscia, Michela Salvemini, Pasquale Tondo, Donato Lacedonia, Ernesto Giuffreda, Giulio Giganti, Maria Pia Claudia Varlese, Salvatore De Cosmo, Luca Pazienza, Marco Sperandeo

Establishing normative values for diaphragmatic excursion in healthy adults - A pilot study **PA5374**
Berkay Adam Yüksel (Odense C, Denmark), Rasmus Thorsen Larsen, Sanjeewa Patabendige, Jesper Rømhild Davidsen, Christian Borbjerg Laursen

Lung ultrasound for early detection of interstitial lung disease in rheumatoid arthritis **PA5375**
Tiziana La Blasca (palermo, Italy), Rosangela Di Liberti, Giacomo Barbata, Vittorio Lo Turco, Lidia La Barbera, Giuliana Guggino, Nicola Scichilone, Riccardo Messina

Diagnostic agreement of thoracic ultrasound and chest radiography with computed tomography in exudative pleural effusion. PA5376
Thuy-Quyen T. Tu (Ho Chi Minh, Vietnam), Thuy-Quyen T. Tu, Nguyen Tran-Ngoc, Thao-Nguyen Nguyen-Thanh, Thanh-Thuy Nguyen, Nhat-Huy Tran, Thanh-Triet Vo-Luc, Thuy-Dung Pham-Nguyen, Mai-Linh Le-Thanh, Quoc-Buu Le, Thieu-Duy Vu, Van-Thuong Dao, Thien-Nhi Bui

Role of Lung Ultrasound in Interstitial Lung Disease PA5377
Mario García García (Málaga, Spain), Esperanza Salcedo Lobera, Marta Figuerola Esteban

Prospective evaluation of lung ultrasound and a novel ultrasound severity score (ILDUSS-6) in interstitial lung disease PA5378
Giacomo Giulianelli (Padova, Italy), Elisabetta Cocconcelli, Riccardo Pavan, Giorgio Vecchio, Paolo Spagnolo, Elisabetta Balestro

The relationship of radiation-induced damage development with lung ultrasonography findings and KL-6, TGF-beta, IFN-gamma in patients receiving thoracic radiotherapy for lung cancer PA5379
Başak Gönen (Uşak, Türkiye), Osman Nuri Hatipoğlu, Zafer Koçak, Julide Tozkır, Melisa Dedeli

Simplified chest ultrasound for screening for interstitial lung disease in early rheumatoid arthritis. PA5380
Deborah Dos Reis Estrella (Belo Horizonte (MG), Brazil), Patricia Lustosa, Eliane Viana Mancuzo

Physician-led ultrasound-guided pleural biopsy in the diagnosis of malignant pleural effusion PA5381
Hanaa Haseebah Asharaf (Redditch, United Kingdom), Gulfam Mussawar, Abhi Lal, Muhammad Bilal Khan Niazi

The predictive role of Thoracic Ultrasound in pleural infection. Evidence from a retrospective cohort study. PA5382
Matteo Daverio (Padova, Italy), Martina Lorico, Mariaenrica Tinè, Giampietro Marchetti, Gioele Castelli, Elisa Gallo, Riccardo Pavan, Marco Damin, Davide Biondini, Paolo Spagnolo

Late Breaking Abstract - Intranodal Probe-Based Confocal Laser Endomicroscopy During EBUS -TBNA: Real Time Characterization of Mediastinal Lymph Nodes PA5383
Beran Karakoca (İstanbul, Türkiye), Gersi Alisha, Gokce Askan, Sebnem Batur, Ersan Atahan

Late Breaking Abstract - Air embolism in Lateral Decubitus Image guided navigation Bronchoscopy – A call for Caution PA5384
Erik H.F.M. van der Heijden (Nijmegen, Netherlands), Nicolien H. Heikens, Solange J.A. Pans, Jo M.J. Mourisse, Roel L.J. Verhoeven

PS-5 Session 465 08:00 - 09:30

Poster session: How can artificial intelligence and co-design improve respiratory care?

Disease(s) : Airway diseases | Thoracic oncology | Interstitial lung diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Public health | Pulmonary function testing | Physiology | Epidemiology | Imaging | Respiratory intensive care

Tag(s) : Clinical, Digital health

Chairs : Konstantinos Kostikas (Ioannina, Greece), Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom), Guinevere Dy Agra (Quezon CIty, Philippines)

Late Breaking Abstract - Short-term forecasting of FEV1 trajectories in asthma using longitudinal digital self-management data PA5385
Frederik Spang Dyhrberg Nielsen (Solna, Sweden), Zhendong Wang, Magnus Jansson, Saikat Chatterjee, Henrik Ljungberg, Ioanna Miliou, Björn Nordlund

Ensemble Learning For Interventions Personalisation In OSA PA5386
Yasaman Kakaei Siahkal (Lyon, France), Nejib Moalla, Olivier Grasset, Tao Wang

Benchmarking Large Language Models for Patient Information on Alpha-1 Antitrypsin Deficiency: Quality, Transparency, and Guideline Adherence PA5387
Andreas Hoheisel (Freiburg, Germany), Karla Robles-Velasco, Sebastian Fähndrich, Thomas Köhnlein, Dagmar Düsterhöft, Timm Greulich, Marion Wilkens, Juan Calderon, Juan C. Sagñay, Carolina Crespo-Shijin, Josue Guevara, Daiana Stolz, Ivan Cherrez-Ojeda

Automated quality control for slow vital capacity: an AI-augmented approach. PA5388
Christina Vairelles (Leuven, Belgium), Paul Desbordes, Todd Lustine, Kevin McCarthy, Carl Mottram, Pouya Rahmati, Marko Topalovic

Patient-specific versus global predictors of asthma exacerbation in the AAMOS-00 open dataset PA5389
Kirsty Hawke (Christchurch, New Zealand), Ella Guy, Geoffrey Chase

Comparison of supervised machine learning methods for mortality and readmission prediction in hospitalised COPD patients Elif Dogu (London, United Kingdom), Nicola Smallcombe, Mona Bafadhel	**PA5390**
Wheeze detection in real-world pediatric care: AI applied to smartphone lung auscultation Inês Pais Cunha (Porto, Portugal), Diogo Pessoa, Maria Catarina Silva, Henrique Cardoso, Bruno Rocha, Rui Pedro Paiva, Paulo de Carvalho, Inês Azevedo, Cristina Jácome	**PA5391**
Use of Generative Artificial Intelligence During Acute Upper Respiratory Tract Infections in a Setting of Active Hostilities Alina Moshchenko (Vinnytsia, Ukraine), Yelyzaveta Beridze, Luiza Herman, Kateryna Shmyhyrivska, Anna Demchuk, Vitalii Poberezhets	**PA5392**
Cardiometabolic and pain-related multimorbidity is associated with greater real world mobility impairment in COPD Dimitrios Megaritis (Newcastle upon Tyne, United Kingdom), Joren Buekers, Victoria Alcaraz, Paula Alvarez, Sara Buttery, Julia Braun, Brian Caulfield, Nikolaos Chynkiamis, Laura Delgado-Ortiz, Heleen Demeyer, Anja Frei, Elena Gimeno-Santos, Emily Hume, Alícia Josa-Culleré, Anne-Marie Kirsten, Sarah Koch, Keir E J Philip, Silvia Del Din, Nicholas S Hopkinson, Henrik Watz, Thierry Troosters, Judith Garcia-Aymerich, Ioannis Vogiatzis	**PA5393**
Speech tasks for discovering vocal biomarkers for COPD: findings from a crowd-sourced online study Loes van Bemmel (Maastricht, Netherlands), Maxime Verwoert, Visara Urovi, Hanneke van Helvoort, Marieke Spreeuwenberg, Sami Simons	**PA5394**
An AI-Integrated Wearable System for Multimodal Respiratory Monitoring and Dyspnea Differentiation Using an Oxygen Saturation–Guided Decision Tree Pai-Chien Chou (Taipei, Taiwan)	**PA5395**
RETRIEVE (Results Extraction via Text Retrieval with Inference, Evidence-based Validation and Evaluation): a local Optical Character Recognition (OCR) and Large Language Model (LLM) analysis pipeline for documentation in paediatric pulmonology Marcin Mikoś (Poznań, Poland), Adam Fellenberg, Jakub Jasiczak	**PA5396**
Deep learning algorithm for the identification of finger clubbing: proof of concept study Konstantinos Exarchos (Ioannina, Greece), Apostolos Kittas	**PA5397**
ASM@: A co-designed digital prototype for accessible asthma self-management Alice M Turner (Birmingham, United Kingdom), Alice Turner, Aneesa Sajid, Lukasz Luzewski, Marco Bardus	**PA5398**
Symptom and CAT score feature engineering improves precision of machine-learning models for COPD exacerbation prediction beyond step-count data Henry M G Glyde (Bristol, United Kingdom), Alison Blythin, Tom M A Wilkinson, Ian T Nabney, James W Dodd	**PA5399**
Physical activity volume and pattern trajectories with initiation of long-term oxygen therapy in patients with severe chronic lung disease. Annina Elisabeth Büchi (Bern, Switzerland), Karen Adam, Jenny Herzog, Mathieu Lemay, Christopher Moufawad el Achkar, Fabian Braun, Sabina A. Guler	**PA5400**
Towards inclusive blended care for all children with asthma: patient participation in the optimisation of digital care solutions Mirèse Kleuskens (Nijmegen, Netherlands), Marc Oppelaar, Jolt Roukema, Peter Merkus, Lara van den Wijngaart, Monique Heijmans	**PA5401**
User-centred co-design of an integrated, web-based smoking cessation intervention in the thoracic surgical pathway ('Quit4Surgery'): A two-cycle case study of the double diamond method Mohammed Alsanad (Coventry, United Kingdom), Babu Naidu, Amanda Farley, Salma Kadiri, Aya Osman, Joyce Yeung	**PA5402**
Feasibility of chest-based reflective photoplethysmography using a self-developed chest sensor Emile Smeets (Maastricht, Netherlands), Maxime Verwoert, Hanneke Van Helvoort, Frans De Jongh, Frits Franssen, Sami Simons	**PA5403**
Patient Perceptions and Feasibility of AI, Sensor-Based Exacerbation Prediction in COPD Henry M G Glyde (Bristol, United Kingdom), Alison Blythin, George Nava, Caitlin Morgan, Bethany Cliffe, Ben Ainsworth, Tom M A Wilkinson, Ian T Nabney, James W Dodd	**PA5404**

PS-6 Session 466 08:00 - 09:30

Poster session: Physiology in interstitial and pulmonary vascular disease: new insights

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : Pulmonary function testing | Physiology | Palliative care | Public health | Pulmonary rehabilitation | Imaging | Epidemiology | General respiratory patient care

Tag(s) : Clinical

Chairs : Luke Howard (London, United Kingdom), Amany Elbehairy (Kingston (ON), Canada), Laura Price (London, United Kingdom)

Late Breaking Abstract - Effort independent assessment of Interstitial Lung Disease: Correlation of quantitative CT metrics and Impulse Oscillometry with Spirometric parameters. — **PA5405**
Piyush Garg (Cheeka (Haryana), India), Virendra Singh, Madhur Joshi, Aniket Mondal, Jitendra Bairwa, Sheetu Singh

Physiological load responses in interstitial lung diseases: time-resolved desaturation and pulse rate dynamics in the 6-minute walk and 1-minute sit-to-stand tests — **PA5406**
Ekaterina Krauss (Giessen, Germany), Silke Tello, Anita Windhorst, Nadia Hamadi, Poornima Mahavadi, Fotios Drakopanagiotakis, Hélder Novais Bastos, Alberto Benazzo, Clemens Aigner, Philippe Bonniaud, Nik Hirani, Juergen Behr, Carlo Vancheri, Maria Molina Molina, Andreas Guenther

The use of VCmax in clinical trials for IPF — **PA5407**
Kevin McCarthy (Matthews, United States), Todd Lustine, Phil Lake, Carl Mottram, Katrina Hynes

Ventilation heterogeneity following allogeneic haematopoietic stem cell transplantation — **PA5408**
Fei Ni Hau (St Leonards, Australia), David G Chapman, Kaj E C Blokland, Ryan Wallis, Claire Doughty, Matthew Greenwood, Gregory G King

Resting physiological and perceptual responses to high-flow O2 therapy in fibrotic interstitial lung disease — **PA5409**
Mathieu Marillier (Echirolles, France), Sarah Thivent, Marylise Ginoux, Samuel Vergès, Frédéric Hérengt

To compare cardiopulmonary exercise testing variables viz a viz 6-minute walk test and spirometry in relation to quality of life in interstitial lung disease patients at a tertiary care hospital in Central India — **PA5410**
Abhishek Kumar Maurya (Bhopal (Uttar Pradesh), India), Alkesh Kumar Khurana

Respiratory Oscillometry Indices Correlate with Disease Severity and Progression Across Interstitial Lung Diseases — **PA5411**
Eyal Kleinhendler (Tel Aviv-Yafo, Israel), Tomer Hasson, Doron Cohn-Schwartz, Ariel Melloul, Sharon Engelberg, Inbal Friedman Regev, Nimrod Urtreger, Aviv Kupershmidet, Amir Bar-Shai, Boaz Tiran, Ophir Freund, Avraham Unterman

Highly-performanced road cycler despite of lung fibrosis Clinical stability in a 75-year old patient with familial IPF without antifibrotic therapy: A case report — **PA5412**
Jochen Rosenbruch (Freiburg, Germany), Ansgar M. Sorichter, Stephan Sorichter

Discriminative Ability of Six-Minute Walk Distance for Cognitive Status in Systemic Sclerosis with Pulmonary Involvement — **PA5413**
Yasemin GEDIKLI ERTURK (konya, Türkiye), Buse Ozcan Kahraman, Ahmet Merih Birlik, Sema Savcı, Serap Acar, Gokce Kenar Artın

Improving the detection of submaximal inhalation error (SIE) in a clinical trial for IPF — **PA5414**
Kevin McCarthy (Matthews, United States), Todd Lustine, Phil Lake, Carl Mottram, Katrina Hynes

Diagnostic Delay and Respiratory Impairment in Interstitial Lung Diseases: Clinical and Radiological Determinants — **PA5415**
Naziha Hammouda (Tunisia, Tunisia), Echi Khadija, Cheikhrouhou Sana, Mjid Meriem, Toujani Sonia, Hedhli Abir, Dhahri Besma

Benefits of Real-Time 6-Minute Walk Test in Patients with Interstitial Lung Disease — **PA5416**
YUIKA NAKAMURA (Matsumoto, Japan), Masanori Yasuo, Taku Osawa, Yukino Ota, Masaki Takahashi, Toshitaka Shomura, Yusuke Suzuki, Norihiko Goto, Yosuke Wada, Yoshiaki Kitaguchi, Masayuki Hanaoka

Non-invasive measurement of Pulmonary Artery Pressure Changes using Electrical Impedance Tomography – a proof-of-concept study — **PA5417**
Annina Elisabeth Büchi (Bern, Switzerland), Bruno Schnegg, Lily Atzmüller, Benjamin Burgat, Martin Proença, Fabian Braun, Sabina Anna Guler

Heart Rate Recovery Following a 2-Minute Chair Test as a Determinant of Clinical Trajectory and Adverse Outcomes in Chronic Obstructive Pulmonary Disease: A 12-Month Prospective Analysis — **PA5418**
Samarjit Das (Kolkata, India)

Lung function and structure on non-contrast and contrast-enhanced dual energy computed tomography (DECT) following COVID-19 hospitalization (without intubation) and non-hospitalized COVID-19 in New York City **PA5419**
Elizabeth Oelsner (New York, United States), Tianyou Wang, Isabel Szablewski, Sarah Gerard, Junfeng Guo, Emilia Hermann, Emilay Florez, Diane Hawkins, Natanaelia Mena, Galen Ziaggi, R Graham Barr

Persistent impairment in peripheral muscle oxygen extraction during submaximal exercise following COVID-19 hospitalisation **PA5420**
Sneha Chakraverty (Newcastle Upon Tyne, United Kingdom), Dimitrios Megaritis, Emily Hume, Eurico Neto, Gabriel Cucato, Enya Daynes, Carlos Echevarria, Rachael Evans, Sally Singh, Ioannis Vogiatzis

Differences in the diagnosis of hypercapnic respiratory failure by race and ethnicity in the United States **PA5421**
Michael Lanspa (Salt Lake City, United States), Brian Locke, Jason Carr, Nathan Dean, Wayne Richards, Jeanette Brown, Ramkiran Gouripeddi, Ithan Peltan, Samuel Brown

Baseline spirometry as a predictor of airway hyperresponsiveness to mannitol challenge in adults: a retrospective cross-sectional study **PA5422**
Jan Stanka (Nottingham, United Kingdom)

Do Clinical Phenotypes (Emphysema vs Chronic Bronchitis) Influence Functional Capacity and Respiratory Muscle Strength Across Pre-COPD, PRISm, and COPD? **PA5423**
Sabri Serhan Olcay (Muğla, Türkiye), Burcu Camcıoğlu Yılmaz, Özlem Şengören Dikiş, Merve Gürkan, Baki Umut Tuğay

Bedside ultrasound assessment of diaphragmatic dysfunction in routine outpatient pulmonology practice: a real-life case series **PA5424**
Jaber Nemmar (Alger, Algeria), Nadjib Adimi, Walid Sellamna

PS-7 Session 467 08:00 - 09:30

Poster session: Non-invasive respiratory support in acute respiratory failure, post-intensive-care syndrome and rehabilitation in critical care

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care Pulmonary rehabilitation General respiratory patient care Epidemiology Pulmonary function testing Endoscopy and interventional pulmonology

Tag(s) : Clinical, Digital health

Chairs : Claudia Crimi (Catania (CT), Italy), Oriol Roca Gas (Barcelona, Spain), Simon Valentin (Nancy, France)

Late Breaking Abstract - The efficacy and safety of drainage of intensive care pleural effusions - results of the ESODICE randomised trial **PA5425**
Edward Fysh (Perth (WA), Australia), Bhaumik Mevavala, Dana Hince, Ashish Davda, Bradley Wibrow, Isuru Sirisinghe, Jacinda Harty, Adrian Regli, Edward Litton

Feasibility and Effectiveness of a Mobile Application–Based Rehabilitation Program in Bedridden Patients After Intensive Care Unit Discharge **PA5426**
Seungwoo Cha (Seoul, Republic of Korea), Yong Hoe Koo, Geonsang Lee, Ye Ji Kim, Won Kim

Helmet CPAP in acute respiratory distress syndrome (ARDS) due to Covid-19 vs non-Covid pneumonia: a comparative analysis **PA5427**
Alessandro Guerrieri (Milan, Italy), Cristiano Bonacina, Serena Bencini, Monica Bernareggi, Roberta Cattaneo, Francesca D'Arcangelo, Ludovico Lanfranchi, Claudio Macaluso, Luca Parachini, Chiara Melacini, Martina Piluso, Stefania Raschi, Riccardo Ripamonti, Pierfranco Usai, Chiara Pirotta, Federica Longo, Paolo Scarpazza

Prognostic Value of Quantitative CT and Oxygenation During Helmet CPAP Treatment in ARDS Due to COVID and Non-COVID Pneumonia **PA5428**
Federica Longo (Monza, Italy), Cristiano Bonacina, Pierfranco Usai, Stefania Raschi, Francesca D'Arcangelo, Serena Bencini, Monica Bernareggi, Roberta Cattaneo, Riccardo Ripamonti, Claudio Macaluso, Ludovico Lanfranchi, Luca Parachini, Martina Piluso, Chiara Melacini, Alessandro Guerrieri, Chiara Pirotta, Paolo Scarpazza

Patient-reported improvement in dyspnea with novel Single Nebulised Triple Therapy versus Single Inhaler Triple Therapy in elderly vs non-elderly COPD Patients: A subgroup analysis of an Indian phase III study **PA5429**
Divya Bhojwani (Mumbai, India), Sagar Bhagat, Rahul Kodgule, Monika Tandon, Wen Wu, Ankit Maloo, Amol Pendse, Shabbir Rangwala, Saiprasad Patil, Hanmant Barkate

Post_Extubation Noninvasiv Ventilation (NIV) After Heart Transplantation: A Randomized ClinicalTrial Atefeh Fakharian (Tehran, Islamic Republic of Iran), Mojdeh Zamanbar, Zargham Hosein Ahmadi, Reyhaneh Zahiri	**PA5430**
DECAF VERSUS BAP-65: WHICH SCORE BETTER PREDICTS MORTALITY IN ACUTE EXACERBATION OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE (AECOPD)? Imen Kharrat (kairouan, Tunisia), Dhouha Ben Braiek, Nadine Boukadida, Rania Hidri, Sourour Bel Haj Youssef, Haifa Sfar, Rania Sassi, Amani Kacem, Rahma Ben Jazia, Jihene Ayachi	**PA5431**
Invasive mechanical ventilation for acute exacerbations of COPD Matthew Donnan (Melbourne, Australia), Jonathan Pham, Aashima Juneja, David Pilcher, Shaun Woodbridge, Ravi Tiruvoipati, Eldho Paul, Natasha Smallwood, Eli Dabscheck	**PA5432**
In-hospital and long-term mortality following acute exacerbation of COPD admitted to intensive care units Matthew Donnan (Melbourne, Australia), Jonathan Pham, Aashima Juneja, David Pilcher, Shaun Woodbridge, Ravi Tiruvoipati, Eldho Paul, Natasha Smallwood, Eli Dabscheck	**PA5433**
Lung function change after salbutamol administration through mesh versus jet nebuliser in severe COPD exacerbation: a pilot randomised controlled trial Alexandru Tudor Steriade (Bucharest, Romania), Elena Alupei, Andreea Maria Pirvan, Iulia Ortansa Tanase, Claudiu Ionut Iordache, Daniela Necula, Nicoleta Sargarovschi, Diana Ligia Ionita, Cornelia Elena Tudose, Dragos Bumbacea	**PA5434**
Psychological Distress and Quality of Life (QALYs) in a Respiratory Intermediate Care Unit (RICU): Impact of a Multidisciplinary Intervention David Rudilla Garcia (Madrid, Spain), Elena García Castillo, Elena Ávalos Pérez, Enrique Zamora, María González, Pedro Landete	**PA5435**
Home mechanical ventilation in chronic respiratory failure in Intensive Care Unit: a prospective observational study. Chiara Cafora (Naples, Italy), Rossella Esposito, Fabrizio Gritti, Giovanni Liguori, Paolo Francesco Marsilia, Lorenzo Ciappa, Vincenzo Schettini, Isak Bicoku, Francesco Imperatore	**PA5436**
Combined NIV and HFNC versus NIV or HFNC alone in severe community-acquired pneumonia: a prospective analytical study Sourav Chakraborty (Kolkata, India)	**PA5437**
High-flow nasal oxygen versus non-invasive ventilation in acute hypercapnic respiratory failure: efficacy and tolerance in a randomized controlled study LAHMAR MANEL (monastir, Tunisia), Lamia Ouanes, Iyed Maatouk, Wiem Nouira, Fahmi Dachraoui, Lamia Ouanes Besbes	**PA5438**
Prehospital oxygen therapy and hypercapnia risk in COPD: a national survey Rasa Gauronskaite (Vilnius, Lithuania), Anrenas Karvelis, Urtė Malašauskaitė	**PA5439**
Comparing the efficacy of three strategies for weaning of High-flow nasal cannula in acute hypoxemic respiratory failure: A Randomized Controlled Trial Deepansh Gupta (Rishikesh, India), Prakhar Sharma, Shivam Garg, Saikat Baneree, Vanidha Kandasamy, Girish Sindhwani	**PA5440**
Comparison between four weaning methods from High-velocity nasal insufflation device in Acute hypoxemic respiratory failure Gamal Rabie Agmy (Assiut, Egypt), Entsar Hsanen	**PA5441**
Health-related quality of life after mechanical ventilation: Longitudinal results from the PRiVENT written patient survey Franziska Trudzinski (Heidelberg, Germany), Benjamin Neetz, Biljana Joves, Biehler Elena, Philipp Höger, Fleischhauer Thomas, Wensing Michel, Kempa Axel, Claus Neurohr, Armin Schneider, Janina Schubert-Haack, Felix JF Herth, Joachim Szecsenyi, Anja Klingenberg	**PA5442**
Post Intensive Care Syndrome at hospital discharge: Incidence and impact on post-discharge care Yvonne Goh (Singapore, Singapore), Justin Liu, Qin Ting Chen, Sharmaine Wong, Yi Ping Hwang, Fiona Pereira, Jalal Nur Laila Binte Abdul, Narisha Binte Mohamed, Vicky Ng, Hui Ying Xu, Angeline Tey, Sharlene Ho	**PA5443**
Artificial Intelligence–Based Prediction of Inpatient Deterioration and Intensive Care Needs Ming-Ju Tsai (Kaohsiung, Taiwan), Chih-Hung Cheng, Deng-Chiung Shih, Li-Li Wang, Wei-An Chang, Chin-Jing Lee, Yeong-Cheng Liou, Chau-Chyun Sheu	**PA5444**

PS-8 Session 468 08:00 - 09:30

Poster session: Home non-invasive ventilation: neuromuscular disease, amyotrophic lateral sclerosis and mouthpiece ventilation

Disease(s) : Respiratory critical care | Sleep and breathing disorders | Airway diseases | Interstitial lung diseases

Method(s) : General respiratory patient care | Palliative care | Respiratory intensive care | Pulmonary function testing | Physiology | Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Jacek Nasiłowski (Warszawa, Poland), Capucine Morelot-Panzini (Paris, France), Miguel Filipe Martins de Matos Navarro Guia (Carnaxide, Portugal)

A multi-national knowledge, attitude and practice (KAP) survey to understand gaps in mouthpiece ventilation (MPV) delivery for neuromuscular disorders (NMD) Ahsab Chowdhury (Nottingham, United Kingdom), Courtney Bird, Joshua Bradbury, Neeraj Shah, Cat Goodin, Alison Armstrong, Milind Sovani	**PA5445**
Role of Impulse Oscillometry (IOS) in assessing respiratory mechanics in patients with neuromuscular diseases: a real-life retrospective study Gualtiero Ermando Romano (Ostuni, Italy), Vitaliano Nicola Quaranta, Pierluigi Intiglietta, Agnese Caringella, Andrea Pagliara, Chiara Massaro, Dario D'Amato, Claudia Campobasso, Simone Rizzelli, Andrea Portacci, Alessio Marinelli, Silvano Dragonieri, Manuela Rollo, Pierluigi Bracciale, Giovanna Elisiana Carpagnano	**PA5446**
Survival after non-invasive ventilation initiation in amyotrophic lateral sclerosis: comparison between bulbar and spinal onset Miguel Jimenez Gomez (Madrid (Madrid), Spain), Carmen Lorenzo Martínez, Gema Carvajal Cuesta, Pedro Manso Tejerina, Marta Corral Blanco, Javier Sayas Catalán, Clara Seghers Carreras, Manel Luján Torne, Cristina Lalmolda Puyol, Ana Hernández Voth	**PA5447**
Understanding current clinical practice of mouthpiece ventilation (MPV): a multi-national knowledge attitude and practice (KAP) survey from the UK, Europe, North America and Australia Ahsab Chowdhury (Nottingham, United Kingdom), Courtney Bird, Joshua Bradbury, Neeraj Shah, Cat Goodin, Allison Armstrong, Milind Sovani	**PA5448**
Predictors of early mortality at first pulmonary assessment in Amyotrophic Lateral Sclerosis Alessandro Siena (San Giorgio a Cremano, Italy), Antonio Fabozzi, Francesca Di Meo, Fausta Viccaro, Maria D'Andria, Arianna Sanna, Letizia D'Antoni, Paolo Palange, Matteo Bonini	**PA5449**
Flow matters: physiological and dyspnoea responses to high-flow nasal therapy in motor neurone disease Emma Gray (Camperdown, Australia), Olivia McGuiness, Collette Menadue, Amanda Piper, Keith Wong, Matthew Kiernan, Brendon Yee	**PA5450**
Comparison of commonly used definitions of nocturnal hypoventilation in amyotrophic lateral sclerosis and their ability to predict non-invasive ventilation Francesca Di Meo (Rome, Italy), Letizia D'Antoni, Fausta Viccaro, Maria D'Andria, Arianna Sanna, Alessandro Siena	**PA5451**
Evaluation of psychological distress in patients living with motor neurone disease and their carers attending a complex home mechanical ventilation centre Alicja Kowalski Bellamy (London, United Kingdom), Neeraj Shah, Khaled Al-Arfi, Saba Bokhari, Rebecca D'Cruz, Nicholas Hart, Patrick B Murphy, Shelley Srivastava, Joerg Steier, EuiSik Suh, Kiera Whitby, Brendan Whyte, Georgios Kaltsakas, Michelle Ramsay	**PA5452**
The relationship between peak cough flow and patient perception of cough strength in amyotrophic lateral sclerosis. Kiera Whitby (London, United Kingdom), Neeraj Shah, Khaled Al Arfi, Nicholas Hart, Rebecca D'Cruz, Shelley Srivastava, Joerg Steier, Eui Sik Suh, Saba Bokhari, Brendan Whyte, Patrick B. Murphy, Georgios Kaltsakas, Michelle Ramsay	**PA5453**
Burden and Wellbeing of Informal Caregivers of People with Amyotrophic Lateral Sclerosis Teresa Machado (Vila Nova De Gaia, Portugal), Pedro Viegas, Ana Machado, Filipe Gonçalves, Carla Ribeiro	**PA5454**
Evolution of ventilatory parameters and functional status in Amyotrophic Lateral Sclerosis (ALS) patients on non-invasive ventilation (NIV): a 12-month retrospective study Laura Dorighelli (Rovereto, Italy), Rocco Francesco Rinaldo, Sonia Garino, Valentina Pennetta, Elisa Mesiti, Federica Riva-Rovedda, Marco Clari, Valerio Dimonte, Giuseppe Tabbia, Marco Bardessono, Chiara Chiappero, Giulia Anna Poggio, Paolo Solidoro	**PA5455**

Postural slow vital capacity variation as an early marker of respiratory impairment in ALS — **PA5456**
Myriam Stanganelli (Roma, Italy), Letizia D'Antoni, Arianna Sanna, Maria D'Andria, Fausta Viccaro, Matteo Bonini, Paolo Palange

Long-term Respiratory and Cardiac Outcomes in Limb Girdle Muscular Dystrophy: A Single Centre Experience — **PA5457**
Andras Bikov (Manchester, United Kingdom), Harshana Bandara, Mark Roberts, James B Lilleker, Andrew Bentley

Integrated Respiratory Care for Patients on Prolonged Home mechanical Ventilation: Outcomes of the CAIVent Program — **PA5458**
Miguel R. Gonçalves (Porto, Portugal), Gonçalo Conde, Claúdia Dias, Teresa Honrado

Non-Invasive Ventilation in Myotonic Dystrophy: a Retrospective Review of Timing, Adherence and Physiological Outcomes in a Tertiary Respiratory Service — **PA5459**
Binu Perera (Cambridge, United Kingdom), Jessica Appleby, Martina Mason

Long-term survival in adults with Duchenne muscular dystrophy treated with corticosteroids — **PA5460**
Olivia Bennion (Manchester, United Kingdom), Andrew Bentley, Harshana Bandara, Mark Roberts, James B. Lilleker, Andras Bikov

Determinants of specialized respiratory team activation during hospitalizations of neuromuscular patients: a retrospective cohort study — **PA5461**
Anita Lídia Lascasas Trigueira (Porto, Portugal), Tiago Pinto, Joana Borges, Edna Gonçalves, Miguel R. Gonçalves, Marta Drummond

PS-9 Session 469 08:00 - 09:30

Poster session: Regulatory mechanisms underlying lung pathology

Disease(s) : Airway diseases | Thoracic oncology | Sleep and breathing disorders | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Surgery | Physiology

Tag(s) : Basic science, Translational

Chairs : María Isabel Delgado Dolset (Davos Wolfgang, Switzerland), Ian M. Adcock (London, United Kingdom), Christoph Beisswenger (Homburg (Saar), Germany)

Late Breaking Abstract - Pathological angiogenesis amplifies IL-33-induced EGPA lung injuries — **PA5462**
QingLing Zhang (Guangzhou, China), Lingna Xue, Wenjing Yang, Chenyang Lu, Xinyi Huang, Junjie Wen, Xiaobin Mai, Changxing Ou, Xuliang Cai, Yuwen Ma, Zhenan Deng, Mingkai Huang, Wenmin Lin, Ning Lai, Kian Fan Chung, Lijing Wang, Lingyun Zheng

Negative feedback control of cough hypersensitivity by microglia in chronic cough — **PA5463**
Wenhui Wang (Guangzhou, China), Feng Wei, Haopeng Zhi, Shiying Liu, Mingyu Zhong, Chen Zhan, Shuxin Zhong, Yilin Xu, Mingzhe Liu, Ruchong Chen

B4GALT4 regulates malignant cellular programs in lung adenocarcinoma — **PA5464**
Hang Chen (Nanchong city, China), Li Jiang

Investigating the interaction between two oxygen sensing systems in the mouse carotid body — **PA5465**
Jeremy Nielsen (Oxford, United Kingdom), Xiaotong Cheng, Peter J. Ratcliffe, Thomas P. Keeley, Tammie Bishop

Regulation of Monocyte-to-Fibrocyte Differentiation in Lung Cancer — **PA5466**
Aito Yoshida (Tokushima, Japan), Atsushi Mitsuhashi, Kazuya Koyama, Hirokazu Ogino, Yasuhiko Nishioka

Modulation of the serotonergic system affects ventilation parameters and activity of respiratory nerves in a streptozotocin-induced Alzheimer's disease rat model. — **PA5467**
Agnieszka Wrzesień (Warsaw, Poland), Kryspin Andrzejewski, Monika Jampolska, Katarzyna Kaczyńska

The inflammatory signature of hypercapnia during bacterial infection — **PA5468**
Elena Campaña-Duel (Sabadell, Spain), Adrian Ceccato, Aina Areny-Balagueró, Verònica Monforte, Navneet Purewal-Chohan, Lluís Blanch, Laia Fernández-Barat, Antonio Artigas, Marta Camprubí-Rimblas

Histone demethylase KDM5B promotes Th17/Treg imbalance in sepsis — **PA5469**
Lunxian Tang (Shanghai, China), Fanyu Kong, Jinlu Ji

Accuracy of a Multiplex PCR Assay based diagnostic algorithm for Alpha-1 Antitrypsin Deficiency: A Quality Control Study Using SERPINA1 Sequencing as Reference — **PA5470**
Tobias Boeselt (Ebsdorfergrund, Germany), Martina Veith, Roberta Cogliani, Zohal Steinhauer-Adib, Viktor Kotke, Loudes Osaba, Andreas Klemmer, Gernot Rohde, Timm Greulich

	Association of airway high-mobility group box 1 (HMGB1) with inflammatory endotypes in stable and exacerbating bronchiectasis Hannah Dickson (Dundee, United Kingdom), Yonghua Gao, Hollian Richardson, Michal Shteinberg, Lidia Perea, Pieter C. Goeminne, Erin Cant, Chandani Hennayake, Jennifer Pollock, Hani Abo Leyah, Hayoung Choi, Eva Polverino, Francesco Blasi, Stefano Aliberti, Merete B. Long, Amelia Shoemark, Oriol Sibila, Jeffrey T. J. Huang, James D. Chalmers	**PA5471**
	The level of sputum CC16 is associated with airflow limitation and neutrophilic inflammation in COPD Alejandro Torvisco Tello (Barcelona, Spain), Sandra Casas Recasens, Xènia Carrizosa Guerri, Àlvar Agustí, Rosa Faner	**PA5472**
	SP-D and sRAGE in Particles in Exhaled Air of Smokers and Non-Smokers with COPD and Healthy Participants Max Gerlach (Hannover, Germany), Christina Gress, Meike Müller, Jens Hohlfeld	**PA5473**
	TSLP and IL-4Rα expression in the peripheral lung of stable COPD and controls Nicoletta Campanini (Parma, Italy), Francesca Rossi, Alessio Bonini, Leandro Castellano, Letizia Gnetti, Giovanni Bocchialini, Annalisa Frizzelli, Roberta Pisi, Ian M. Adcock, Luca Ampollini, Enrico Maria Silini, Gaetano Caramori	**PA5474**
	Effect of aspirin therapy on SARS-CoV-2-related gene expression in aspirin-exacerbated respiratory disease Adam Stępień (Krakow, Poland), Piotr Szatkowski, Adam Ćmiel, Anna Gielicz, Hanna Plutecka, Krzysztof Sładek, Marek Sanak, Lucyna Mastalerz	**PA5475**
	β-Hydroxy-β-methylbutyrate supplementation ameliorates skeletal muscle dysfunction in chronic obstructive pulmonary disease via the SIRT1/PGC-1α pathway Ruiying Wang (Taiyuan, China), Yana Chen, Yanan Niu, Zhifan Zhu	**PA5476**
	Targeting the RSV-CDH16 Interface: De Novo Design of Next-Generation Entry Inhibitors Against Respiratory Syncytial Virus Wenwen Zhao (shanghai, China), Jieming Qu	**PA5477**
	Phosphorylated HOXB9 as a Potential Biomarker for Rapid Progression and Prognosis in Lung Adenocarcinoma: A Study Based on Volume Doubling Time pan Tang (-, China), Zhoufeng Wang, Weiming Li	**PA5478**
	Neoadjuvant therapy leads to lung stiffening: biophysical alterations in unaffected adjacent lung tissue and resident fibroblasts Makgyori Melani Espinoza Huaman (BARCELONA, Spain), Sergio Noé Pérez, Armida Faella, Marc Boada, Isaac Almendros, Anna Ureña, Ricard Ramos, Nuria Gavara Casas	**PA5479**
	Human lung tissue exhibits stimulus-specific, time-dependent activation of oxylipin pathways Rana Melisa Seren (Stockholm, Sweden), Jesper Säfholm, Craig E. Wheelock	**PA5481**

1A Session 470 08:30 - 10:00

Live Endoscopy : Session 1: Diagnosis of lung cancer: bronchoscopic innovations

Aims : To describe state-of-the-art bronchoscopic innovations for the diagnosis and subtyping of lung cancer, through live case-based demonstrations highlighting robotic bronchoscopy, small endobronchial ultrasound (EBUS) and EBUS-guided cryobiopsy techniques and their practical application in contemporary clinical practice.

Tag(s) : Clinical

Chairs : Judith Brock (Heidelberg, Germany), Amir Hanna (Paris, France)

08:30	**Case 1: Case introduction** Leandro Tapia Barredo (Barcelona, Spain)	**5482**
08:35	**Case 1: Thoracoscopy for malignant pleural disease** Mohammed Munavvar (Preston, United Kingdom), Pedro Rodriguez Martin (Barcelona, Spain)	**5483**
08:55	**Case 1: Concluding remarks from the Chairs** Judith Brock (Heidelberg, Germany), Amir Hanna (Paris, France)	**5484**
09:00	**Case 2: Case introduction** Nerea Alonso Suarez (Barelona, Spain)	**5485**
09:05	**Case 2: Robotic bronchoscopy for the diagnosis of small nodules** Thomas Gaisl (Zürich, Switzerland), Antoni Rosell Gratacos (Badalona (Barcelona), Spain), Carmen Angela Centeno Clemente (Barcelona, Spain)	**5486**

09:25	**Case 2: Concluding remarks from the Chairs** Amir Hanna (Paris, France), Judith Brock (Heidelberg, Germany)	**5487**
09:30	**Case 3: Case introduction** Leandro Tapia Barredo (Barcelona, Spain)	**5488**
09:35	**Case 3: EBUS-cryo for lung cancer subtyping** Miguel Angel Ariza (Oviedo, Spain), Felipe Andreo (Barcelona, Spain), Aleš Rozman (Golnik, Slovenia)	**5489**
09:55	**Case 3: Concluding remarks from the Chairs** Amir Hanna (Paris, France), Judith Brock (Heidelberg, Germany)	**5490**

3L Session 471 08:30 - 10:00

Hot topics: Advanced telemedicine for obstructive sleep apnoea

Aims : To highlight the findings of the ERS statement on advanced telemedicine in obstructive sleep apnoea (e-health); to provide an overview of digital technologies in the diagnosis and management of sleep-disordered breathing; to demonstrate the added value of telemedicine implementation in the follow-up of patients with obstructive sleep apnoea; to discuss the application of multimodal telemedicine and the opportunities it offers for personalised medicine.

Disease(s) : Sleep and breathing disorders

Method(s) : General respiratory patient care

Tag(s) : Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Medical Technical Assistant, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : Apostolos Bossios (Stockholm, Sweden), Esther Irene Schwarz (Zürich, Switzerland), Daniela Ferreira-Santos (Porto, Portugal)

08:30	**Living with sleep apnoea in the digital era: the patient view on telemedicine** Claire Allen (Chinnor, United Kingdom)	**5491**
08:45	**Application of telemedicine for diagnostic purposes in obstructive sleep apnoea** Marie Bruyneel (Brussels, Belgium)	**5492**
09:00	**Therapeutic management based on telemedicine in obstructive sleep apnoea** Sébastien Baillieul (Grenoble, France)	**5493**
09:15	**ERS statement on advanced telemedicine in obstructive sleep apnoea** Johan Verbraecken (Edegem (Antwerp), Belgium)	**5494**
09:30	**Discussion and Q&A** All speakers	**5495**

3B Session 472 08:30 - 10:00

State of the art session: Paediatric respiratory medicine

Aims : To describe focused, evidence-based, practical approaches to addressing key areas within paediatric respiratory medicine, including systematic approaches to addressing unexplained breathlessness, pulmonary manifestations of primary immunodeficiencies, spontaneous pneumothorax in children and central sleep apnoea in children; to highlight any unmet needs in specific aspects of paediatric respiratory care, education and research.

Disease(s) : Paediatric respiratory diseases Respiratory infections Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Surgery

Tag(s) : Clinical, Translational , Global reach, Prevention

Target audience : Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Thoracic surgeon, Respiratory therapist

Chairs : Stefan Unger (Edinburgh, United Kingdom), Fabio Midulla (Roma (RM), Italy), Alice Hadchouel-Duvergé (Paris, France)

08:30	**Systematic approach to unexplained breathlessness** Alexander Möller (Zürich, Switzerland)	**5496**
08:45	**Pulmonary manifestations of primary immunodeficiencies in children** Maria J. Gutierrez (Baltimore, United States)	**5497**
09:00	**Management of spontaneous pneumothorax in children: aetiological assessment and management** Tutku Soyer (Ankara, Türkiye)	**5498**

09:15	**Central sleep apnoea in children: diagnosis and management** Hui Leng Tan (London, United Kingdom)	**5499**
09:30	**Discussion and Q&A** All speakers	**5500**

3C Session 473 08:30 - 10:00

Hot topics: Metabolic signalling in respiratory disease

Adipokines, glucagon-like peptide-1 pathways and the lung–muscle–bone axis

Aims : To examine how metabolic signalling pathways involving adipokines contribute to systemic metabolic dysfunction and drive pulmonary and extrapulmonary manifestations of respiratory disease; to integrate emerging mechanistic insights into the understanding of adipokines and the influence of glucagon-like peptide-1 (GLP-1) receptor agonists on airway inflammation, skeletal muscle dysfunction and bone disease; to highlight how adipokines influence immune regulation, tissue remodelling and systemic outcomes in chronic lung disease and explore the therapeutic implications of GLP-1 receptor agonists in targeting these pathways by bringing together clinical and mechanistic investigators.

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology Epidemiology Pulmonary rehabilitation

Tag(s) : Translational , Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory physiotherapist, Scientist (basic, translational)

Chairs : Andreas Von Leupoldt (Leuven, Belgium), Andre Nyberg (Umeå, Sweden), Jana De Brandt (Ternat, Belgium)

08:30	**Molecular mechanisms of skeletal muscle mitochondrial dysfunction and inflammatory signalling in COPD and the influence of adipokines** Esther Barreiro Portela (Barcelona, Spain)	**5501**
08:45	**Adipokines, skeletal muscle biology and the lung–muscle axis in COPD** Amy Attaway (Cleveland, United States)	**5502**
09:00	**Bone metabolism and metabolic dysfunction in chronic lung disease** Jessica Bon (Winston-Salem, United States)	**5503**
09:15	**From glucose to gas exchange: lessons from the LIRALUNG trial on glucagon-like peptide-1 receptor agonists and lung function** Carolina Lopez-Cano (Lleida, Spain)	**5504**
09:30	**Discussion and Q&A** All speakers	**5505**

3D Session 474 08:30 - 10:00

Symposium: Beyond antibiotics: multidimensional approaches to respiratory infections

Aims : To critically examine the evidence supporting non-antibiotic strategies in the management of respiratory infections; to explore host-directed therapies, phage therapy, nutritional and microbiome-based interventions, pulmonary rehabilitation, and behavioural and environmental approaches; to review the available data across these domains and thereby highlight practical and evidence-based alternatives to antibiotic use, promoting a more holistic and patient-centred model of care.

Disease(s) : Respiratory infections

Method(s) : General respiratory patient care Physiology Pulmonary rehabilitation

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Raquel Duarte (Porto, Portugal), Chiara Premuda (Palermo, Italy), Olha Konstantynovska (Kharkiv, Ukraine)

08:30	**Patient testimony** Irene Nevado (Madrid, Spain)	**5506**
08:35	**Harnessing the immune system: host-directed therapies in respiratory infections** Marc Lipman (London, United Kingdom)	**5507**
08:50	**Phage therapy and other biological antimicrobials: new weapons against chronic infections** Laurent Debarbieux (Paris, France)	**5508**
09:05	**Nutrition, microbiome and pulmonary rehabilitation: strengthening the host to improve outcomes** Gunar Günther (Bremgarten bei Bern, Switzerland)	**5509**

09:20	**Behavioural and Environmental Interventions: Reducing Risk and Supporting Recovery** Sundeep Santosh Salvi (Pune (Maharashtra), India)	**5510**
09:35	**Discussion and Q&A** All speakers	**5511**

3E Session 475 08:30 - 10:00

Mini symposium: Respiratory support with nasal high-flow therapy: from first breaths to final journeys

Aims : To provide an integrated overview of nasal high-flow therapy (NHFT) across the lifespan, highlighting its role in early neonatal transition, functional rehabilitation and end-of-life respiratory support; to clarify the physiological mechanisms and aerosol-related considerations that underpin effective and safe NHFT use in diverse clinical settings; to introduce emerging strategies for personalising NHFT, including imaging-guided titration and functional assessment, to optimise patient outcomes; to encourage cross-assembly dialogue on how NHFT can be applied, adapted and individualised for vulnerable populations at critical phases of life.

Disease(s) : Paediatric respiratory diseases Respiratory critical care

Method(s) : Imaging Pulmonary rehabilitation Respiratory intensive care

Tag(s) : Clinical, Global reach

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Respiratory therapist, Pharmacist

Chairs : Joanna Luk-Ping Lam (Hong Kong, Hong Kong), Manuel Sanchez De La Torre (Toledo, Spain)

08:30	**Nasal high-flow therapy at the extremes of life: neonatal transition, rehabilitation and end of life** Christopher Harris (London, United Kingdom)	**5512**
08:45	**Aerosol therapy during nasal high-flow therapy** James B. Fink (San Mateo, United States)	**5513**
09:00	**Personalising nasal high-flow therapy: imaging-guided titration and functional assessment** Maria Laura Vega Pittao (Bologna, Italy)	**5514**
09:15	**Discussion and Q&A** All speakers	**5515**

3F Session 476 08:30 - 10:00

Symposium: Stem cell therapy for acute and chronic lung injuries: are we on the brink of a breakthrough?

Aims : To explore and consider how to integrate cutting-edge research and clinical advancements in cell-based therapies for lung diseases; to discuss innovative regenerative strategies designed to enhance treatment efficacy for lung cancer and address acute respiratory distress syndrome; to explore how to bridge the gap between fundamental research and clinical application, by fostering dialogue between basic scientists and clinicians, driving forward the development of effective, functional treatment strategies for patients suffering from acute and chronic lung conditions.

Disease(s) : Interstitial lung diseases Respiratory critical care Thoracic oncology

Method(s) : Cell and molecular biology Respiratory intensive care Transplantation

Tag(s) : Translational , Basic science, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Medical Technical Assistant, Respiratory critical care physician, Scientist (basic, translational), Thoracic oncologist, Thoracic surgeon, Respiratory therapist

Chairs : Sara Rolandsson Enes (Lund, Sweden), Arnaud Mailleux (Paris, France), Niki L. Reynaert (Maastricht, Netherlands)

08:30	**Cutting-Edge Experimental Models: Harnessing Pluripotent Stem Cells to Unravel Lung Biology and Pathology** Finn Hawkins (Boston, United States)	**5516**
08:45	**Chimeric antigen receptor T-cell therapy in lung disease: are we approaching a breakthrough?** Wolfgang Merkt (Bad Kreuznach, Germany)	**5517**
09:00	**Cell therapy for premature children with bronchopulmonary dysplasia: how far can we reach experimentally?** Niki L. Reynaert (Maastricht, Netherlands)	**5518**
09:15	**Mesenchymal stromal cell therapy for acute respiratory distress syndrome: key findings from the REALIST trial** Cecilia M. O'Kane (Belfast (Belfast), United Kingdom)	**5519**

09:30	**Discussion and Q&A** All speakers	**5520**

3.11 Session 477 08:30 - 11:10

Skills workshop: SW14 SW14: Thoracic ultrasound basic principles – €

Additional registration is required for this session

Aims : To describe the current use of thoracic ultrasound; to provide participants with the opportunity to perform the thoracic ultrasound technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Method(s) : General respiratory patient care Imaging

Tag(s) : Clinical

Target audience : Radiologist, Thoracic surgeon, Adult pulmonologist/Clinician, Clinical researcher, Respiratory critical care physician, Physician in Pulmonary Training

Chairs : Christian B. Laursen (Odense M, Denmark)

08:30	**Introduction** All speakers	**5521**
08:50	**Normal thoracic cavity** Morten Bendixen (Odense C, Denmark), Jesper Rømhild Davidsen (Odense C, Denmark)	**5522**
08:50	**Pleural effusion and/or pleural thickening** Gilles Mangiapan (Creteil, France), Pia Iben Pietersen (Odense C, Denmark)	**5523**
08:50	**Case studies** Alguili Elsheikh (Oxford, United Kingdom)	**5524**
08:50	**Guided interventions** Søren Helbo Skaarup (Aarhus C, Denmark), Rahul Bhatnagar (Bristol, United Kingdom)	**5525**

Studio Session 478 09:00 - 09:45

Skills lab: Oscillometry: techniques, results and clinical relevance

Aims : To demonstrate how to take forced oscillometry measurements and highlight techniques that ensure accuracy; to discuss the interpretation of results, the clinical relevance of measurements and the advantages and disadvantages of this technique; to use live demonstrations, present case studies of adults and children, and facilitate interactive questions and discussion.

Chairs : Frans H.C. De Jongh (Enschede, Netherlands), Omar S. Usmani (London, United Kingdom)

09:00	**Introduction** Omar S. Usmani (London, United Kingdom), Frans H.C. De Jongh (Enschede, Netherlands)	**5526**
09:05	**Oscillometry procedure** Frans H.C. De Jongh (Enschede, Netherlands), Rachel Ong-Salvador (Amsterdam, Netherlands)	**5527**
09:15	**Paediatric case presentation discussion** Rachel Ong-Salvador (Amsterdam, Netherlands)	**5528**
09:25	**Adult case presentation discussion** Chung-Wai Chow (Toronto (ON), Canada)	**5529**
09:35	**Discussion and Q&A** All speakers	**5530**

3G Session 479 09:30 - 10:45

Oral presentation: Air pollution and lung health: from mechanisms to clinical impact

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology Epidemiology Pulmonary function testing Public health Physiology General respiratory patient care

Tag(s) : Clinical, Translational , Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Irma Mahmutovic Persson (Lund, Sweden), Giovanni Viegi (Pisa (PI), Italy)

09:30	**Late Breaking Abstract - PM2.5 induced basal cell senescence promotes aberrant ciliated/goblet cell differentiation in human airway organoids** Lanhe Chu (Beijing, China), Dian Chen, Huanyu Long, Yixia Jiang, Ruiying Wang, Furong Deng, Xiaojuan Liu, Yahong Chen	**OA5531**
09:35	**Air pollution affects lung function and proteins in infants of asthmatic mothers** Carla Rebeca da Silva Sena (Basel, Switzerland), Olga Gorlanova, Noëmi Künstle, Gabriela Martins Costa Gomes, Andrea Marten, Sven Schulzke, Florian Wyler, Vanessa E. Murphy, Paul D Robinson, Peter D Sly, Jakob Usemann, Benjamin Stoecklin, Sophie Yammine, Philipp Latzin, Pablo Sinues, Peter G Gibson, Wilfried J J Karmaus, Geoffrey G Morgan, Karthik Gopi, Kees de Hoogh, Martin Röösli, Adam Collison, Joerg Mattes, Urs Frey	**OA5532**
09:40	**Increased daily symptoms in patients with severe asthma are associated with air pollution, especially at high FeNO levels** Anaam Arif (Verona, Italy), Fleur L. Meulmeester, H. Bas Hofstee, Karin B. Fieten, Alessandro Marcon, Jacob K. Sont	**OA5533**
09:45	**Air pollution and allergen co-exposure in mice induces T-cell expansion in lymph nodes and local lung pathology with T2-inflammation and mucus hypersecretion** Irma Mahmutovic Persson (Lund, Sweden), Sangeetha Ramu, Sara Vázquez Mera, Sofia Malm Tillgren, Mandy Menzel, Miruna Drelciuc, Moa Lundgren, Inta Gribonika, Lena Uller	**OA5534**
09:50	**Associations of ambient air pollution and protein expression among individuals from the Subpopulations and intermediate outcome measures in COPD study (SPIROMICS)** Lisa Ruvuna (Cleveland, United States), Sarath Raju, Min Hyung Ryu, Katherine Pratte, Igor Barjaktarevic, Christopher Cooper, Stephanie Christenson, James Crooks, Jeff Curtis, Ashraf Fawzy, Daniel Guzman, Robert Kaner, Morteza Karimzadeh, Victor Ortega, Robert Paine III, Elizabeth Regan, Zhongying Wang, Prescott Woodruff, Nadia Hansel, R. Graham Barr, Joel Kaufman, Russell Bowler, Vickram Tejwani	**OA5535**
09:55	**Investigation of ITIH-mediated neutrophil modulation in COPD patients exposed to PM2.5** YI-HSUAN LIU (Taipei, Taiwan), Kang-Yun Lee, Sheng-Ming Wu, Kuan-Yuan Chen, Wei-Lun Sun, Hsiao-Chi Chuang, Shu-Chuang Ho	**OA5536**
10:00	**Impact of ambient air pollution on quantification and profiling of T helper cells in chronic obstructive pulmonary disease** Shazia Haque Arshad (New Delhi, India), Anjana Talwar, Geetanjali Bade, Anant Mohan, Saurabh Mittal, Karan Madan	**OA5537**
10:05	**The association of ambient air pollution and lung function trajectory of patients with pulmonary fibrosis.** Donald Simon (Rotterdam, Netherlands), C. Moor, I. Aydemir, G. Nakshbandi, G. Downward, W. Wuyts, R. Mostard, V. Cottin, M. Kreuter, M. Polke, P. Saunders, K. Antoniou, A. Froidure, H. Slabbynck, A. Hoffmann-Vold, M. Durheim, A. van Veen, H. Bjørkekjær, M. Vonk, Z. Daniil, L. Spencer, P. Bonniaud, G. Prévot, P. Molyneaux, M. Wijsenbeek	**OA5538**
10:10	**Targetting IL-20 cytokines reduces vulnerability to lung infections after PM2.5 exposure** Emeline Driencourt (Lille, France), Blanche Daunou, Layal Massara, Anaïs Ollivier, Gwenola Kervoaze, Mathilde Body-Malapel, Madjid Djouina, Alexandre Gaudet, Philippe Gosset, Muriel Pichavant	**OA5539**
10:15	**Systems proteomics reveals lung-gut axis crosstalk in microplastic-induced pulmonary injury** Chia-Li Han (Taipei, Taiwan), Shu-Yun Wang, Hsiao-Chi Chuang	**OA5540**
10:20	**Discussion and Q&A** All speakers	**OA5541**

3H Session 480 09:30 - 10:45

Oral presentation: Hot topics in progressive pulmonary fibrosis

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care | Imaging | Pulmonary function testing | Epidemiology

Tag(s) : Clinical, Translational

Chairs : Antoine Froidure (Bruxelles, Belgium), Katerina Antoniou (Heraklion, Greece)

09:30	**Late Breaking Abstract - Treatment Use and Outcomes in Progressive Fibrosing ILD: Real World Findings from the INCHANGE Study of Nintedanib** Katrin Esther Hostettler (Basel, Switzerland), Madina Bogazova, Katarzyna Górska, Lyubima Kyoseva, Maria Sanzharovskaya, Vivien-Charlott Stadler, Martina Sterclova, Claudia Lucia Toma	**OA5542**

09:35	**Effect of nerandomilast in patients with progressive pulmonary fibrosis (PPF) according to guideline criteria: data from the FIBRONEER-ILD trial** Vincent Cottin (Lyon, France), Arata Azuma, Michael Kreuter, Toby M. Maher, Fernando J. Martinez, Justin M. Oldham, Ganesh Raghu, Luca Richeldi, Claudia Valenzuela, Marlies S. Wijsenbeek, Hui Gu, Donald F. Zoz, Susanne Stowasser, Kevin K. Brown	**OA5543**
09:40	**Baseline quantitative computed tomography (CT) scores predict progression in patients with progressive pulmonary fibrosis (PPF): data from the FIBRONEER-ILD trial** Jonathan Goldin (Los Angeles, California, United States), Anand Devaraj, Vincent Cottin, Anna-Maria Hoffmann-Vold, Helmut Prosch, Madhu Kanakapura, Frank Risse, Wibke Stansen, Donald F Zoz, Jonathan G Goldin	**OA5544**
09:45	**Survival in progressive pulmonary fibrosis associated to autoimmune diseases: Multicenter study from NEREA Registry** Cristina Matesanz Lopez (Madrid, Spain), Cristina Vadillo Font, Olga Sánchez Pernaute, Fredeswinda Romero Bueno, María Jesús Rodríguez Nieto, Rosalia Laporta Hernández, Hilda Godoy Tundidor, Jesús Loarce Martos, Juan Rigual Bobillo, María Asunción Nieto Barbero, Lydia Abasolo Alcázar	**OA5545**
09:50	**Association of circulating proteins with quantitative radiographic fibrosis in patients with progressive pulmonary fibrosis (PPF): data from the ILD-PRO Registry** Aparna Swaminathan (Durham, United States), Hillary Mulder, Megan L Neely, Michael T Durheim, Scott M Palmer, Divya C Patel, Christian Hesslinger, Thomas Schlange, Jamie L Todd	**OA5546**
09:55	**Prognostic potential of plasma protein biomarkers in patients with progressive pulmonary fibrosis (PPF)** Justin M Oldham (Ann Arbor, Michigan, United States), Arata Azuma, Gerrit Weimann, Nichiren Pillai, Wibke Stansen, Carina Ittrich, Christian Hesslinger, Shervin Assassi, Anna-Maria Hoffmann-Vold, Toby M Maher	**OA5547**
10:00	**Automated HRCT-derived pulmonary vascular imaging biomarkers in Systemic Sclerosis-associated Interstitial Lung Disease (SSc-ILD)** Elisabetta Renzoni (London, United Kingdom), Jacob Walker, Carmel Stock, Jessica Raja, Maria Kokosi, Vasilios Kouranos, Peter George, Felix Chua, Richard Hewitt, Simon Bax, Gisli Jenkins, Anand Devaraj, Sujal Desai, Voon Ong, Christopher Denton, Guang Yang, Piersante Sestini, Athol Umphrey Wells	**OA5548**
10:05	**Comparative and combined effects of seralutinib and nintedanib suggest synergistic anti-fibrotic and anti-inflammatory activity in IPF patient-derived lung models** Ayodeji Adegunsoye (Chicago, United States), Ravikumar Sitapara, Rui Benfeitas, Eduardo Garcia, Silvia Cantoni, Annalisa Murgo, Valentina Violi, Zhaoqing Ding, Robin Osterhout, Lawrence Ho, Luís Magalhães, Martin Kolb, Yochai Adir, Rajan Saggar, Vincent Cottin, Daniela Miglietta, Jean-Marie Bruey	**OA5549**
10:10	**Optimizing Interstitial Lung Disease Outpatient Visits: A Time–Motion and Communication Concordance Study** Aycan Yüksel (Ankara, Türkiye)	**OA5550**
10:15	**Prednisone combined with mycophenolate mofetil is effective for patients with idiopathic non-specific interstitial pneumonia.** Tao Chen (Beijing, China), Wei Sun, Xiao-yu Yang, Yan-Rui He, Cheng-sheng Yin, Si-rui Lu, Zuo-jun Xu	**OA5551**
10:20	**Discussion and Q&A** All speakers	**OA5552**

3I Session 481 09:30 - 10:45

Oral presentation: Reimagining airway disease treatment: novel metabolic, regenerative and interventional therapies

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology Pulmonary function testing Cell and molecular biology Endoscopy and interventional pulmonology General respiratory patient care Physiology

Tag(s) : Translational , Clinical

Chairs : Chloe Bloom (London, United Kingdom), Arnaud Bourdin (Montpellier, France)

09:30	**Late Breaking Abstract - VALIANT: a phase 2 trial of the efficacy and safety of verekitug, a thymic stromal lymphopoietin (TSLP) receptor antagonist, for severe asthma** Michael E. Wechsler (Denver, United States), Ian Pavord, Grazyna Pulka, Shahrukh Kureishy, Dimo Dimov, Ahmed A. Arif, Todor A. Popov, Dinesh Saralaya, James Lee, Sumathi Sivapalasingam, Ashish Kalra, Arkadeep Sinha, Fang Xie, Rui Zhang, Aaron Deykin	**OA5553**

09:35	**Preclinical evaluation of TQH5528, an oral STAT6 degrader for Th2-driven allergic diseases** Dan Mei (Nanjing, China), Baomin Liu, Jing Ren, Xiaojin Wang, Yue Shao, Hongjiang Xu, Peng Lv	**OA5554**
09:40	**Real-world safety and efficacy of autologous airway basal stem cell transplantation to repair lung injuries** Wei Zuo (Shanghai, China), Yu Zhao, Ting Zhang, Min Zhou, Jieming Qu	**OA5555**
09:45	**GLP-1 Receptor Agonists and Reductions of Disease Burden in Individuals with Asthma and either Overweight, Obesity or Type 2 Diabetes: A Nationwide Self-Controlled Study** Simon Høj (Copenhagen, Denmark), Peter Ascanius Jacobsen, Frederik Kronvold Nielsen, Kjell Erik Julius Håkansson, Rasmus Rørth, Erik Sören Halvard Hansen, Nicklas Brustad, Charlotte Suppli Ulrik, Howraman Meteran	**OA5556**
09:50	**Efficacy and Safety of Ensifentrine in Chinese Patients with Chronic Obstructive Pulmonary Disease: The ENHANCE-CHINA Randomized Clinical Trial** Fan Wu (Guangzhou, China), Yumin Zhou, Charlie Chen, Zihui Wang, Dongbo Tian, Zuke Xiao Xiao, Jie Cao, Feng Xu, Junzhen Gao, Juan Chen, Liping Peng, Yuanrong Dai, Limin Dong, Yi Hu, Ting Yang, Chuntao Liu, Limin Wang, Xiao Liu, Tiebo Yang, Guoru Yang, Dan Zhu, Zonghui Wei, Wei Gu, Pixin Ran, Nanshan Zhong	**OA5557**
09:55	**Efdoralprin alfa vs plasma-derived alpha-1 antitrypsin augmentation therapy in adults with alpha-1 antitrypsin deficiency-associated emphysema: phase 2 ElevAATe trial** Joanna Chorostowska-Wynimko (Warsaw, Poland), Daniel Chambers, Matthew Conron, J. Michael Wells, Lucy Burr, Carlos A. Amado Diago, Cynthia Brown, Monica Goldklang, Mark Holmes, Brooks Thomas Kuhn, David Langton, Jorge Lascano, Robert Sandhaus, Krzysztof Sladek, Rajat Walia, Jeanine D'Armiento, Mark Brantly, Dobrin Draganov, Vijay Gokaraju, Yong Kim, Michelle Lee, Keith Merdek, Maria Laura Sargentini-Maier, Nathan Thibault, Johannes Weirather, Mengjie Yao, Igor Barjaktarevic	**OA5558**
10:00	**Efficacy of pulsed electric field ablation with a novel navigated system on chronic bronchitis-predominant COPD: A randomized controlled trial** Jisong Zhang (Hangzhou, China), Bin Wang, Xinyi Zhang, Huihui Hu, Jia Zeng, Hongcheng Wu, Jiayuan Sun, Limin Wang, Quncheng Zhang, Yunzhi Zhou, Xiaoqun Ye, Xiu Lan, Hao Tang, Liangliang Dong, Shan Xu, Xiaomai Wu, Weiwen Li, Enguo Chen	**OA5559**
10:05	**Effectiveness of Glucagon-like peptide-1 receptor agonists compared with dipeptidyl peptidase-4 inhibitors and sodium-glucose cotransporter-2 inhibitors inhibitors on clinical outcomes in bronchiectasis with type 2 diabetes** Kuang-Ming Liao (Tainan, Taiwan), Wan-Hsuan Hsu, Chih-Cheng Lai	**OA5560**
10:10	**The differential effects of GLP-1 based therapies in airways disease** Bohee Lee (London, United Kingdom), Katharine Cahill, Chloe Bloom	**OA5561**
10:15	**From Admission to Discharge: SGLT2 Inhibitor Use in AECOPD and Reduced Mortality** Shai Amor Moshe (Givat shmuel, Israel), Avishay Elis, Maayan Huberman Samuel, Merav Ben Avraham, Yael Shostak, Maayan Flaschner, Osnat Shtraichman, Eviatar Naamany	**OA5562**
10:20	**Discussion and Q&A** All speakers	**OA5563**

3J Session 482 09:30 - 10:45

Oral presentation: Novelties in interstitial lung disease from known causes

Disease(s) : Interstitial lung diseases Airway diseases

Method(s) : Endoscopy and interventional pulmonology Transplantation Cell and molecular biology Imaging Pulmonary function testing General respiratory patient care Epidemiology

Tag(s) : Clinical

Chairs : Thomas Planté-Bordeneuve (Yvoir, Belgium), Sabina A. Guler (Bern, Switzerland)

09:30	**Late Breaking Abstract - Spatial Transcriptomic Profiling of Capelozzi Necrosis–Associated Fibroblastic Foci Reveals a Distinct Profibrotic Microenvironment in Microaspiration-Related Interstitial Fibrosis** Sabrina Batah (Toronto, Canada), Andrea Rodríguez-Herrera, Andrea Cetlin, Danilo Wada, Marcel Koenigkam-Santos, Tales Nadai, José Antônio Baddini-Martinez, Vera Luiza Capelozzi, Alexandre Fabro	**OA5564**
09:35	**Late Breaking Abstract - OGG1 organocatalytic switches attenuate fibrotic remodelling in patient -derived fibrotic lung slices** Carlos Benitez Buelga (Madrid, Spain), Isabel Pozo Velazquez, Paula Valero Jordan, Maurice Michel, Alfonso Luque, Nerea Matamala, Sara Gil, Carlos San José Pascual, Rosalía Laporta, Beatriz Martinez Delgado, Alejandra Romero Román	**OA5565**

09:40	**Nebulized therapy of a specific MSC-Exosome Subpopulation for Rapidly Progressive ILD in Anti-MDA5+ Dermatomyositis: A First-in-human Trial** Huijie Yang (Guangzhou, China), Junfeng Huang, Bingpeng Guo, Tinghe Wu, Jing Li, Qian Han, Shiyue Li	**OA5566**
09:45	**Differential cellular immune response in tissue after inhalation of pigeon serum and Aspergillus extract in acute and chronic murine models of hypersensitivity pneumonitis** Marc Massa Gómez (Barcelona, Spain), David Soler Segovia, Víctor Guerra Ruiz, Marta Andreu Casas, David Espejo Castellanos, Iñigo Ojanguren Arranz, Xavier Muñoz Gall, María Jesús Cruz Carmona	**OA5567**
09:50	**Prevalence and impact of telomere related gene variant in lung transplant recipients due to connective tissue disease interstitial lung disease** Raphaël Borie (Paris, France), Murielle Frappa, Kinan EL Husseini, Jérome Le Pavec, Clément Picard, Pierre Antoine Juge, Claire Merveilleux du Vignaux, Thomas Planté-Bordeneuve, Tristan Degot, Thomas Villeneuve, Martine Reynaud-Gaubert, Elodie Blanchard, Pieter-Jan Gijs, Effrosyni Manali, Irina Léa Dubach, Elodie Lainey, Hélène Morel, Caroline Kannengiesser, Ibrahima Ba	**OA5568**
09:55	**Statin exposure and outcomes in interstitial lung disease: a TriNetX cohort study** Mina Ghbrial (Philadelphia, United States), Gautam George	**OA5569**
10:00	**Telomere Biology Disorder-Related Variants of Uncertain Significance in an Interstitial Lung Disease Biobank** Neema Jayachamarajapura Onkaramurthy (Rochestor, United States), Kathryn Del Valle, Elena Joerns, Alejandro Ferrer, Eva M Carmona	**OA5570**
10:05	**Pathological features of transbronchial lung cryobiopsy in anti-synthetase syndrome and correlation with disease behavior** Yuhui Qiang (Beijing, China), Min Liu, Huaping Dai	**OA5571**
10:10	**Pre-transplant antifibrotic therapy and post-transplant outcomes in interstitial lung disease: A systematic review and meta-analysis** Jonni Fay Teves (Manila, Philippines), Karl Jeffrey Murillo, Gene Phillip Louie Ambrocio, Joel Santiaguel	**OA5572**
10:15	**Proteomic profiling and shared genetic architecture between postCOVID interstitial lung disease and idiopathic pulmonary fibrosis** Adrián Gómez Del Rosario (Santa Cruz de Tenerife, Spain), Carolina Cubillos-Zapata, Aitana Alonso González, José Miguel Lorenzo-Salazar, Almudena Corrales, Beatriz Guillen-Guio, María Molina-Molina, Laura Ciuffreda, Francisco García Río, Carlos Flores	**OA5573**
10:20	**Discussion and Q&A** All speakers	**OA5574**

3K Session 483 09:30 - 10:45

Oral presentation: Understanding treatment response in airway diseases: from mechanisms to clinical biomarkers

Disease(s) : Airway diseases

Method(s) : Imaging Cell and molecular biology

Tag(s) : Basic science, Clinical, Translational , Digital health

Chairs : Lena Uller (Lund, Sweden), Mustafa Abdo (Kiel, Germany)

09:30	**Late Breaking Abstract - First-in-human in vivo gene editing for severe alpha-1 antitrypsin deficiency (AATD): initial data from the Phase 1/2 study of BEAM-302** John R Hurst (London, United Kingdom), Emily F A Van 't Wout, Thomas Ashdown, Matthew Conron, Noel Gerry McElvaney, Jeffrey Garrett, Ed Gane, Andrew A Wilson, Joseph Kaserman, Charlie Strange, J Michael Wells, Catherina L Chang, Mark Holmes, Aishath Fazleen, Mark O'Carroll, Ulrike Lorch, Jan Stolk, Amir Majid, Reem Alluhibi, Nicolas Currier, Katy Hayes, Beatrice Chiang, Gary Liu, James Maier, Arthur Lo, Karen Cao, Bahru Habtemariam, Priya S Chockalingam, John J Ko, Sunita Goyal, Amy Simon, Alice Turner	**OA5575**
09:35	**Focal lung and lymph node eosinophilia as hubs of T2 and adaptive immunity in COPD** Jonas Erjefalt (Lund, Sweden), Cecilia Andersson, Caroline Lindö, Premkumar Siddhuraj, Renan Mauch, Jimmie Jönsson, Johan Ahlgren, Chris Nazaroff, Sandra Lindstedt, Anna Sandström-Gerdtsson, Malin Lindstedt, Christopher McCrae, Caroline Sanden	**OA5576**

09:40	**Effects of itepekimab on airway inflammation and structure in former and current smokers with COPD: a phase 2a mechanistic study** Maarten van den Berge (Groningen, Netherlands), Klaus F. Rabe, Henrik Watz, Daniela C. Blanco, Dave Singh, Mario Castro, Felipe M. da Costa, Charlotte S. Ulrik, Conglin Liu, Kyung In Kim, Joon Sang Lee, Kaitlyn M. Gayvert, Wei Keat Lim, Sara C. Hamon, MaryLena Bleile, David Lanham, Anne Remaury, Anne-Laure Bauchet, Majd Mouded, Ashish Bansal, Yunji Kim, Kerry A. Casey, Seblewongel Asrat, Andrew P. Fontenot, Jamie M. Orengo, Jennnifer D. Hamilton, Andrea T. Hooper, Souheil El-Chemaly, Helene Goulaouic	**OA5577**
09:45	**Longitudinal mixed-effects analysis of treatment effects on sputum bacterial load and sputum inflammatory cell profiles in patients with eosinophilic asthma and COPD exacerbations** Minghua Zheng (London, United Kingdom), Phillip De Souza, Jonathan Baker, Mona Bafadhel	**OA5578**
09:50	**Proteomic analysis of serum from SEA patients revealed potential biomarkers of Mepolizumab response** Sara Vázquez Mera (Lund, Sweden), Pablo Miguéns-Suárez, Laura Martelo-Vidal, Alba Paz-Castro, Marina Blanco-Aparicio, Uxío Calvo-Álvarez, Coral González-Fernández-, Mar Mosteiro-Añón, Dolores Corbacho-Aberaila, Tamara Hermida-Valverde, Christian Calvo-Henríquez, Susana B Bravo, María Nieves Senín-Touceda, Lena Uller, Francisco Javier Salgado, Juan José Nieto-Fontarigo, Francisco Javier González-Barcala	**OA5579**
09:55	**Early DNA methylation changes associated with mepolizumab treatment in severe asthma** Daniel Gonzalez Garcia (Tenerife, Spain), Javier Perez Garcia, Mario Martin Almeida, Elena Martin Gonzalez, Erick Castillo Vargas, Paloma Poza Guedes, Inmaculada Sánchez Machín, José M. Hernández Pérez, Elena Medero Luis, Berta Román Bernal, Jesús Villar Hernández, Fabian Lorenzo Diaz, Ruperto González Pérez, María Pino Yanes	**OA5580**
10:00	**Dual PDE3/4 inhibition with ensifentrine enhances triple therapy–mediated suppression of TNFα-induced inflammation in asthmatic airway cells** Eleni Papakonstantinou (Freiburg, Germany), Theodora-Dionysia Sarantopoulou, Björn-Christian Frye, Sebastian Fähndrich, Daiana Stolz	**OA5581**
10:05	**Impact of Mepolizumab treatment on mucus plugs in responders compared to non-responders in real-life IMPACT (Imaging Mucus Plugs According to Computertomografi Thorax) study** Sara Barsch Cornacchini (Stockholm, Sweden), Laura Saiepour, Torkel. B. Brismar, Valentyna Yasinska	**OA5582**
10:10	**Asthma duration is associated with non-type 2 airway inflammation and reduced response to biologics** Sujin Seo (Seoul, Republic of Korea), Freda Yang, Takehiro Hasegawa, Chloe I Bloom, Nazanin Zounemat-Kermani, Pankaj K Bhavsar, Katie Raby, Ian M Adcock, Tae-Bum Kim, Sungho Won, Kian Fan Chung	**OA5583**
10:15	**Efficacy of Tezepelumab on Systemic and Airways Suppression of the IL-5 Axis** Maria Lisa Baccellieri (Foggia, Italy), Piera Soccio, Pasquale Tondo, Donato Lacedonia, Pietro Magaletti, Stella Costa, Carla Maria Irene Quarato, Giorgia Lepore, Maria Pia Foschino Barbaro, Giulia Scioscia	**OA5584**
10:20	**Discussion and Q&A** All speakers	**OA5585**

1A Session 484 10:15 - 11:45

Live Endoscopy : Session 2: Treatment of lung cancer: pleural, rigid bronchoscopic and surgical approaches

Aims : To describe contemporary interventional and surgical approaches to the treatment of lung cancer, through live case-based presentations illustrating rigid bronchoscopy for central airway malignancy, thoracoscopy for malignant pleural disease and robotic lung cancer surgery, with a focus on clinical decision-making and procedural outcomes.

Tag(s) : Clinical

Chairs : Konstantina Kontogianni (Heidelberg, Germany), Gregoris Stratakos (Athens, Greece)

10:15	**Case 4: Case introduction** Pilar Montoya Urbano (Barcelona, Spain)	**5586**
10:20	**Case 4: Robotic lung cancer surgery** Carlos Martinez Barenys (Barcelona, Spain), David Poveda (Barcelona, Spain)	**5587**
10:40	**Case 4: Concluding remarks from the Chairs** Konstantina Kontogianni (Heidelberg, Germany), Gregoris Stratakos (Athens, Greece)	**5588**
10:45	**Case 5: Case introduction** Nerea Alonso Suarez (Barelona, Spain)	**5589**

10:50	**Case 5: Systematic EBUS for nodal staging and mid-zone EBUS for lung nodule analysis** Jouke T. Annema (Amsterdam, Netherlands), Laura Martínez Vega (Barcelona, Spain)	**5590**
11:10	**Case 5: Concluding remarks from the Chairs** Konstantina Kontogianni (Heidelberg, Germany), Gregoris Stratakos (Athens, Greece)	**5591**
11:15	**Case 6: Case introduction** Leandro Tapia Barredo (Barcelona, Spain)	**5592**
11:20	**Case 6: Rigid bronchoscopic treatment of central airway malignancy** Johannes M.A. Daniels (Amsterdam, Netherlands), Alfredo Marín (Barcelona, Spain), Pere Trias (Barcelona, Spain)	**5593**
11:40	**Case 6: Concluding remarks from the Chairs** Konstantina Kontogianni (Heidelberg, Germany), Gregoris Stratakos (Athens, Greece)	**5594**

3L Session 485 10:15 - 11:45

Symposium: Uncontrolled obstructive airway disease: is obstructive sleep apnoea the missing link?

Aims : To detail the complex and clinically relevant interplay between uncontrolled obstructive airway diseases and sleep-disordered breathing, with a particular focus on obstructive sleep apnoea; to explore the fact that, despite increasing recognition of their frequent coexistence, sleep-disordered breathing remains underdiagnosed and undertreated in patients with asthma and COPD, contributing to poor disease control, increased morbidity and reduced quality of life; to explore how to bridge the gap between mechanistic insights and clinical practice; to address the underlying pathophysiological crosstalk between sleep-disordered breathing and obstructive airway diseases and therefore provide a scientific foundation for understanding how these conditions interact; to translate knowledge of this underlying pathophysiological crosstalk into distinct clinical contexts – namely obesity and sleep-disordered breathing in asthma and obstructive sleep apnoea in COPD – highlighting their impact on disease control and patient outcomes; to integrate these perspectives and therefore identify evidence gaps, emphasise patient-related outcomes and outline future directions for research and clinical management; to raise awareness, support a more holistic and patient-centred approach to care, and encourage multidisciplinary strategies to improve outcomes for patients with obstructive airway disease and coexisting sleep-disordered breathing.

Disease(s) : Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Epidemiology | General respiratory patient care | Physiology

Tag(s) : Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Apostolos Bossios (Stockholm, Sweden), Esther Irene Schwarz (Zürich, Switzerland), Daniela Ferreira-Santos (Porto, Portugal)

10:15	**Patient testimony** Richard Müller (Colchester, United Kingdom)	**5595**
10:20	**Pathophysiological crosstalk between sleep-disordered breathing and obstructive airway disease** Alexander Mathioudakis (Manchester, United Kingdom)	**5596**
10:35	**Interaction of sleep-disordered breathing and obesity with asthma control** Maria Rosaria Bonsignore (Palermo, Italy)	**5597**
10:50	**Clinical consequences of obstructive sleep apnoea in COPD and the impact of treatment** Dries Testelmans (Leuven, Belgium)	**5598**
11:05	**Evidence gaps and future perspectives on disease control and patient-related outcomes in patients with obstructive airway disease and sleep-disordered breathing** Sophia E. Schiza (Heraklion, Greece)	**5599**
11:20	**Discussion and Q&A** All speakers	**5600**

3B Session 486 10:15 - 11:45

Clinical cases: Lungs on fire: Paediatric respiratory diseases

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Paediatric respiratory diseases

Tag(s) : Clinical

Chairs : Stefan Unger (Edinburgh, United Kingdom), Fabio Midulla (Roma (RM), Italy), Alice Hadchouel-Duvergé (Paris, France)

Discussants : Erol Gaillard (Leicester, United Kingdom), Christine Happle (Hannover, Germany)

10:15	**Case 1 incl. panel discussion and Q&A - Submitter: F. Zirek (Türkiye)** Christine Happle (Hannover, Germany)	**5601**
10:37	**Case 2 incl. panel discussion and Q&A - Submitter: A. Humphries (United Kingdom)** Erol Gaillard (Leicester, United Kingdom)	**5602**
10:59	**Case 3 incl. panel discussion and Q&A - Submitter: E. Karabiber Akyildiz (United Kingdom)** Christine Happle (Hannover, Germany)	**5603**
11:21	**Case 4 incl. panel discussion and Q&A - Submitter: U. Kavgaci (Türkiye)** Erol Gaillard (Leicester, United Kingdom)	**5604**

3C Session 487 10:15 - 11:45

Hot topics: Understanding the experience of breathlessness

Placing the patient perspective at the centre of care

Aims : To share insights from patients, carers and clinicians on living with and managing breathlessness; to present a person-centred and integrated understanding of the experience of breathlessness from the perspective of the patient, caregivers and clinicians; to explore the philosophical and cultural contexts that shape our understanding of breathlessness with the purpose of providing more patient-centred breathlessness care; to examine the challenges in measuring and communicating sensations of breathlessness and enabling more patient-centred communication; to enable participants to (1) identify the key components of the individual experience of breathlessness and the factors that contribute to its complexity, (2) compare conceptual and philosophical frameworks that provide insight into the invisible suffering associated with breathlessness, (3) describe the experiences and challenges faced by people living with breathlessness and by carers and clinicians in managing breathlessness, (4) explain the difficulties in measuring and effectively communicating sensations of breathlessness, (5) contrast various cultural contexts and their influence on the perception and management of breathlessness, (6) choose appropriate methods to address the communication challenges associated with breathlessness in clinical practice, (7) match patient experiences with appropriate clinical interventions to improve quality of life and (8) operate within a multidisciplinary framework to provide holistic care for people living with breathlessness.

Disease(s) : Airway diseases Respiratory critical care Sleep and breathing disorders

Method(s) : General respiratory patient care Palliative care Respiratory intensive care

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Thoracic oncologist, Respiratory therapist, Journalist

Chairs : Andreas Von Leupoldt (Leuven, Belgium), Andre Nyberg (Umeå, Sweden), Jana De Brandt (Ternat, Belgium)

10:15	**Invisible suffering: a philosophical framework for the understanding of breathlessness** Havi Carel (Bristol, United Kingdom)	**5605**
10:30	**Living with breathlessness: the patient, carer and clinician perspectives** Ann Hutchinson (Hull (North Humberside), United Kingdom)	**5606**
10:45	**Invisibility of breathlessness – the view from above** Slavica Kochovska (Wollongong, Australia)	**5607**
11:00	**Cross-cultural explorations of breathing and breathlessness: what can be learned and applied in the clinic?** Megan Wainwright (Monsanto, Portugal)	**5608**
11:15	**Discussion and Q&A** All speakers	**5609**

3D Session 488 10:15 - 11:45

Hot topics: War as a threat to respiratory care: from crisis to preparedness

Aims : To explore armed conflict as a systemic threat to respiratory health, examining its impact on diagnosis, treatment and prevention beyond the individual patient level; to highlight the need for preparedness approaches that integrate clinical care, public health, health system planning, surveillance and policy; to identify structural vulnerabilities, share lessons learned from conflict and post-conflict settings; to discuss actionable strategies for strengthening the resilience of respiratory services through coordinated, multisectoral partnerships.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, General practitioner, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist, Pharmacist

Chairs : Raquel Duarte (Porto, Portugal), Chiara Premuda (Palermo, Italy), Olha Konstantynovska (Kharkiv, Ukraine)

10:15	**When war hits health systems: protecting respiratory diagnostics and surveillance** Yana Terleieva (Kyiv, Ukraine)	**5611**
10:30	**Respiratory patients in conflict: ensuring continuity of treatment and care** Ignacio Monedero Recuero (Vilanova i la Geltru (Barcelona), Spain)	**5612**
10:45	**The silent impact of war: prevention gaps and long-term respiratory consequences** Dennis Falzon (Genève, Switzerland)	**5613**
11:00	**From crisis to preparedness: strengthening respiratory system resilience in times of conflict** Senia Rosales-Klintz (Solna, Sweden)	**5614**
11:15	**Discussion and Q&A** All speakers	**5615**

3E Session 489 10:15 - 11:45

Hot topics: United for better care: the IMPORTANCE of patients as equal partners in home mechanical ventilation and positive airway pressure therapies

Aims : To raise awareness of the importance of partnerships between patients, clinicians and researchers to improve care; to raise awareness of the importance of patients' involvement in patient associations and advisory bords, which allows them to advocate for better care; to provide practical and effective strategies for promoting patient-centred research and patient involvement; to explore patients' perspectives, priority outcomes, treatment effects and concerns with home mechanical ventilation and positive airway pressure therapies; to explain patients' views on education, telemedicine and future research related to home mechanical ventilation and positive airway pressure therapies; to explain the critical role of social media as a tool for disseminating health information and misinformation; to provide actionable insights that can be used to promote better digital health and empower patients, with the ERS clinical research collaboration patient survey IMPORTANCE (Implications of Positive Airway Pressure and Home Mechanical Ventilation) being presented as a fantastic example of how this partnership can contribute to advance care.

Disease(s) : Respiratory critical care | Sleep and breathing disorders

Method(s) : General respiratory patient care | Public health | Respiratory intensive care

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : Joanna Luk-Ping Lam (Hong Kong, Hong Kong), Manuel Sanchez De La Torre (Toledo, Spain)

10:15	**From voices to impact: how patient associations and advisory boards can shape better care** Clare Williams (Sheffield, United Kingdom)	**5616**
10:30	**Roadmap to an impactful global patient survey: tips and challenges** Ana Filipa Machado (Senhora da Hora, Porto, Portugal)	**5617**
10:45	**ERS clinical research collaboration patient survey IMPORTANCE: unravelling patients' views on home mechanical ventilation and positive airway pressure therapies** Carla Ribeiro (Vila Nova de Gaia, Portugal)	**5618**
11:00	**Social media, Education & (Mis)Information: Navigating Respiratory Health in the Digital Age** Francesco Gesualdo (, Italy)	**5619**
11:15	**Discussion and Q&A** All speakers	**5620**

3F Session 490 10:15 - 11:45

Year in review: Scientific

Frontiers in cellular and molecular mechanisms of lung disease: the scientific year in review

Aims : To provide an overview of very recent scientific developments and novel and relevant insights obtained from both experimental and translational studies pertaining to lung physiology and various lung diseases; to discuss four aspects in particular of the scientific year in review that have been at the forefront of research, conducted by both basic and clinical scientists, and applicable to a wide range of lung diseases: (1) determinants of the host response to respiratory infections, namely immunological and microbiological mechanisms, biomarkers and therapeutic targets, (2) mucus plugs, namely the underlying mechanisms of hypersecretion, impaired clearance, altered constitution and viscosity, pathogenic roles, the use of imaging biomarkers and therapeutic targets, (3) multicellular mechanisms and ageing in fibrosis, namely the contribution of various cell types to fibrosis and how ageing drives phenotypic alterations and disturbs cellular communication, and (4) the role of mitochondria in lung diseases, namely the mechanisms driving dysfunction, the consequences of dysfunction and therapeutic targets; to provide a comprehensive overview of state-of-the-art developments in research conducted on these topics and an outlook on how these scientific insights are expected to translate into clinical practice.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory infections

Method(s) : Cell and molecular biology

Tag(s) : Basic science

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Pathologist, Physician in Pulmonary Training, Scientist (basic, translational)

Chairs : Sara Rolandsson Enes (Lund, Sweden), Arnaud Mailleux (Paris, France), Niki L. Reynaert (Maastricht, Netherlands)

10:15	**Biological drivers of the host response to respiratory infections** Geraldine Nouailles-Kursar (Berlin, Germany)	**5621**
10:30	**Too much, too thick, too sticky: recent advances in understanding and ability to treat mucus plugging in respiratory diseases** Gunnar C. Hansson (Göteborg, Sweden)	**5622**
10:45	**Multicellular mechanisms and ageing in lung fibrosis** Bernard Mari (Valbonne, France)	**5623**
11:00	**Mitochondria in the diseased lung: metabolism, stress and repair** Ana Mora (Ohio, United States)	**5624**
11:15	**Discussion and Q&A** All speakers	**5625**

Studio — Session 491 — 10:15 - 11:00

Patient-centred session: Breathing easy: addressing air, housing and poverty in patient care

Aims : To discuss how environmental factors have major impacts on health and care and what needs to change.

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Prevention

Chairs : Carlos Pons (Palma, Spain)

10:15	**Breathing easy: addressing air, housing and poverty in patient care** Agnes Boots (Maastricht, Netherlands), Ian Sinha (Liverpool (Merseyside), United Kingdom), Stefan Radut (Bucharest, Romania)	**5626**

3G — Session 494 — 11:00 - 12:15

Oral presentation: Into the looking glass: biomarkers predicting the future

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Maria Hollmén (Helsinki, Finland), Tonia Magrì (Roma, Italy)

11:00	**Late Breaking Abstract - A Phase II Clinical Study of HSK44459 in Patients with Idiopathic Pulmonary Fibrosis** YANRUI HE (Beijing, China), Ping Wang, Guojun Zhang, Jiuwu Bai, Min Cao, Xiaoju Zhang, Qian Han, Ruoxi He, Zhaolei Ding, Jie Cao, Lu Guo, Xianwei Ye, Bi Chen, Yilan Sun, Hui Yang, Chunting Tan, Guangdie Yang, Yingchun Gao, Xiaoying Huang, Jing Bai, Zuojun Xu	**OA5632**
11:05	**Prognostic value of AI-based CT vascular, airway and textural metrics in fibrotic ILD: a prospective real-world study** Giacomo Sgalla (Rome, Italy), Francesco Lanzillotta, Lucio Calandriello, Giuseppe Cicchetti, Francesco Varone, Bruno Iovene, Luca Richeldi	**OA5633**

11:10	**Use of computerized tomography visual scores to evaluate AI models quantification in pulmonary fibrosis cases.** Fabio Arimura (São Paulo (SP), Brazil), Vinicius Teixeira, Isabel Bender, Marcio Sawamura, Vinicius Guirado, Marcio Biczyk	**OA5634**
11:15	**Pulmonary Artery and Vein Volumes Are Independent Prognostic Biomarkers in Idiopathic Pulmonary Fibrosis** Adam Szmul (London, United Kingdom), Daisuke Yamada, Ryoko Egashira, Coline H. M. van Moorsel, Nesrin Mogulkoc, Shahab Aslani, Daryl Cheng, Yunjie Chen, Marie Vermant, Stijn E Verleden, Frouke T. van Beek, Tine Follet, Marcel Veltkamp, Tinne Goos, Hendrik W van Es, Recep Savas, Jose Manuel Brenesl, Laurens J de Sadeleer, Mark G. Jones, Wim A Wuyts, Joseph Jacob	**OA5635**
11:20	**Integrated Quantitative CT and Clinical Clustering Defines Prognostic Phenotypes in Idiopathic Pleuroparenchymal Fibroelastosis Independent of Telomere Length** Ken Okamura (Yokohama, Japan), Ryota Otoshi, Takashi Niwa, Tsuneyuki Oda, Hideya Kitamura, Tae Iwasawa, Yayoi Natsume-Kitatani, Takashi Ogura	**OA5636**
11:25	**Baseline quantitative computed tomography (CT) scores predict progression in patients with idiopathic pulmonary fibrosis (IPF): data from the FIBRONEER-IPF trial** Jonathan Goldin (Los Angeles, California, United States), Vincent Cottin, Anna-Maria Hoffmann-Vold, Helmut Prosch, Nichiren Pillai, Frank Risse, Wibke Stansen, Donald F Zoz, Anand Devaraj	**OA5637**
11:30	**Combined assessment of frailty and respiratory function in Idiopathic Pulmonary Fibrosis: A Prospective Cohort Study** Giulia Peri (Monza, Italy), Giovanni Franco, Chukwuma Okoye, Isabella Ceravolo, Umberto Zanini, Riccardo Galluccio, Alice Margherita Ornago, Elisa Perger, Maria Cristina Ferrara, Camilla Tocci, Leonardo Barbieri, Alberto Finazzi, Paola Faverio, Antonella Zambon, Giuseppe Bellelli, Fabrizio Luppi	**OA5638**
11:35	**LSC - 2026 - Integrated imaging and molecular analysis reveal small airway remodeling as an earl y driver of pulmonary fibrosis** Rahel Bodenmann (Bern, Switzerland), Huijuan Wang, Matthias Brunner, Lisa Blockwitz, Michael Ammeter, Jeroen Mh Hendriks, Therese S. Lapperre, Sara Krättli, Marco Kreuzer, Joe Jacob, Britta Maurer, Stijn Verleden, Janine Gote-Schniering	**OA5639**
11:40	**Characterization of Whole-Lung Lymphatic Vessels in Idiopathic Pulmonary Fibrosis Using Hierarchical Phase-Contrast Tomography (HiP-CT)** Ryoko Egashira (London, United Kingdom), Adam Szmul, Daisuke Yamada, Birger Tielemans, Shahab Aslani, Huijuan Wang, Theresa Urban, Joanna Purzycka, Joseph Brunet, Hector Dejea, Paul Tafforeau, Danny Jonigk, Claire Walsh, Peter Lee, Mark Jones, Maximilian Ackermann, Janine Gote-Schniering, Stijn Verleden, Joseph Jacob	**OA5640**
11:45	**The circulating lipidome in patients with idiopathic pulmonary fibrosis: data from the IPF-PRO Registry** Ross Summer (Philadelphia, PA, United States), Nathan Bihlmeyer, Rachel Myers, Megan L. Neely, Michael T. Durheim, Olga Ilkayeva, Michael Muehlbauer, Christian Hesslinger, Jamie L. Todd, Chris Newgard	**OA5641**
11:50	**Discussion and Q&A** All speakers	**OA5642**

3H Session 495 11:00 - 12:15

Oral presentation: Monitoring and predicting outcomes in severe asthma

Disease(s) : Airway diseases

Method(s) : Physiology Pulmonary function testing Epidemiology Public health General respiratory patient care Endoscopy and interventional pulmonology

Tag(s) : Clinical, Translational

Chairs : Adrian Rendon (Monterrey, Mexico), Peer Ameen Shah (Leicester, United Kingdom)

11:00	**Late Breaking Abstract - Symptom burden to predict anti-inflammatory treatment response in stable and acute asthma: a patient-level analysis of randomised controlled and translational prospective studies** Simon Couillard (Sherbrooke, Canada), Fleur L Meulmeester, Pascal Charland, Samuel Lemaire-Paquette, Samuel Mailhot-Larouche, Philippe Lachapelle, Imran Howell, Carlos Celis-Preciado, Sanjay Ramakrishnan, Guy Brusselle, Alison Moore, Peter Howarth, Richard Beasley, Jacob K Sont, Ewout W Steyerberg, Ian D Pavord	**OA5643**
11:05	**Remission outcomes on biologics in a multinational severe asthma cohort** Angelica Tiotiu Cepuc (Brussels, Belgium), Bertrand De Meulder, Francisco-Javier Gonzalez-Barcala, Diego Bagnasco, Charles Pilette	**OA5644**

11:10	**Twelve-month trajectories by sex in severe asthma: symptom control, exacerbations, and remission overlap in the Swiss Severe Asthma Registry** Fabienne Jaun (Liestal, Switzerland), Maria Boesing, Giorgia Luethi-Corridori, Corinne Allgeier-Smith, Pierre-Olivier Bridevaux, Martin Brutsche, Florian Charbonnier, Christian F. Clarenbach, Jean-Marc Fellarth, Pietro Gianella, Anja Jochmann, Lukas Kern, Nikolay Pavlov, Esther Helen Steveling, Christophe von Garnier, Joerg D. Leuppi	**OA5645**
11:15	**Prevalence and prognostic factors of persistent non-response to biologics in severe asthma: a real-world analysis from the Dutch RAPSODI registry** Ilse M. Boudewijn (Groningen, Netherlands), Ali Albrahim, Jacob K Sont, Anneke ten Brinke, Kim de Jong, Rapsodi A P S O D I Team	**OA5646**
11:20	**Variability of Impulse Oscillometry parameters as Predictor of Severe Asthma Remission** Mario Di Stasio (Roma, Italy), Francesca Cefaloni, Matteo Bonini	**OA5647**
11:25	**Detection of IL-5 and IL-13 in Exhaled Air Using a Gold Nanoparticle-Based Sensor to Monitor Type 2 Severe Asthma.** Claudia Almaraz (Palma de Mallorca, Spain), Bartomeu Mestre Cañas, Ana María Rodrigo Troyano, Francisco Manuel Moyano Bouzada, Nuria Toledo Pons, Sofia Tejada Magraner, Amanda Iglesias Coma, Claudia Alejandra Almaraz Lopez, Marina Heine Perez, María Díaz Busto, Yolanda De los Llanos Corcoles, Jose Luis Valera Felices, Roberto De la Rica Quesada, Francisco de Borja García-Cosío Piqueras, Amanda Iglesias Coma	**OA5648**
11:30	**Small airway dysfunction mediates the association between body mass index and severe asthma exacerbations** Andrea Portacci (Bari, Italy), Laura Ventura, Francesco Menzella, Remo Poto, Alvise Berti, Carlo Lombardi, Pasquale Comberiati, Giovanna Elisiana Carpagnano, Zuzana Diamant, Ian M. Adcock, Brian Lipworth, Omar Usmani, Marcello Cottini, Rory Chan	**OA5649**
11:35	**Bronchoalveolar lavage in uncontrolled severe asthma patients to improve personalized asthma treatment** Laure Nicolai (Amsterdam, Netherlands), Sofi Vassileva, Pieter Paul W Hekking, Bart Hilvering, Els JM Weersink, Josje Altenburg, Anke Hilse Maitland van der Zee, Stefania Principe, Jouke T Annema, Peter I Bonta	**OA5650**
11:40	**Recurrent severe asthma attacks: A population-based assessment of individuals with asthma** Jacob McCoy (Toronto, Canada), Teresa To, Jingqin Zhu, Padmaja Subbarao, Theo Moraes, Connie Yang	**OA5651**
11:45	**Association of mucus burden with baseline fractional exhaled nitric oxide, gender, and age at asthma onset in patients with uncontrolled moderate-to-severe asthma treated with dupilumab in the VESTIGE study** Luis A Pérez De Llano (Lugo, Spain), Eleanor M Dunican, Mario Castro, Alberto Papi, Arnaud Bourdin, Alejandro P Comellas, Linda Rogers, Arman Altincatal, Rebecca Gall, Hashem Awad, Surya P Bhatt	**OA5652**
11:50	**Discussion and Q&A** All speakers	**OA5653**

3I Session 496 11:00 - 12:15

Oral presentation: Predictive biomarkers to optimise personalised therapy in lung cancer

Disease(s) : Thoracic oncology Airway diseases

Method(s) : Surgery Cell and molecular biology Transplantation Epidemiology

Tag(s) : Clinical, Translational

Chairs : Andriani Charpidou (Athens, Greece), Wouter H. van Geffen (Nijmegen, Netherlands)

11:00	**Late Breaking Abstract - Limited Discrimination of Lung Cancer Screening Eligibility Models Among People with Chronic Obstructive Pulmonary Disease** Ramin Rezaeianzadeh (Vancouver, Canada), Benjamin Smith, Kate Johnson, Crystal Leung, Stephen Lam, Mohsen Sadatsafavi	**OA5654**
11:05	**Systemic Activation and Tissue Infiltration of CD8+CX3CR1+ T cells in Non-Small Cell Lung Cancer Treated with Neoadjuvant Immune Checkpoint Blockade** Sisi DAI (Chengdu, China), Juan Song, Weimin Li, Xuyu Cai	**OA5655**
11:10	**Soluble isoforms of PD-1 and PD-L1 in non-small cell lung cancer: correlation with tumor stage, longitudinal analysis and prognostic implications** Andriani Charpidou (Athens, Greece), Ioannis Trontzas, Konstantinos Vachlas, Stylianos Gaitanakis, Anna Papadopoulou, Paraskevi Moutsatsou, Nikolaos Syrigos	**OA5656**

11:15	**The role of circulating microRNAs in determining the risk of recurrence in Non-Small Cell Lung Cancer (NSCLC)** Gökçen Ömeroğlu Şimşek (Izmir, Türkiye), Ayşe Vasfiye Ertuğrul, Fatma İlknur Ulugün, Mehmet Emin Arayıcı, Zekiye Sultan Altun, Safiye Aktaş	**OA5657**
11:20	**Genomic and Immune Microenvironment Characteristics of Multiple Primary Lung Cancers** YiHan Guo (Chengdu, China), Pan Yang, Wenxin Luo, Weimin Li, Zhoufeng Wang	**OA5658**
11:25	**Plasma-derived extracellular vesicles as a tool for response monitoring to immune checkpoint inhibitors in lung cancer patients.** Joey Schyns (Liège, Belgium), Hadrien Gillet, Maureen Cambier, Claire Remacle, Barbara Polese, Anne Sibille, Julien Guiot, Ingrid Struman	**OA5659**
11:30	**Tumour-derived microparticles obtained through microwave irradiation induce immunogenic cell death in lung adenocarcinoma** Jiangbin Chen (Wuhan, China), Yali Wu, Yang Jin, Mengfei Guo, Wenjuan Chen, Xinghui Cao, Jingjing Deng	**OA5660**
11:35	**CEBPD-driven glycolytic reprogramming shapes immune evasion during early lung adenocarcinoma progression** Denian Wang (Chengdu, China), Weimin Li	**OA5661**
11:40	**Cell-Specific Antitumor Activity of Citrus IntegroPectin Bioconjugates in Human Lung and Breast Cancer Cells** Salvatore Bucchieri (Carini, Italy), Claudia D Anna, Caterina Di Sano, Simona Taverna, Giuseppe Cammarata, Mario Pagliaro, Rosaria Ciriminna	**OA5662**
11:45	**Intratumoral Corynebacterium Abundance Correlates with Phospholipid Metabolic Reprogramming and Predicts Spread Through Air Spaces (STAS) in Lung Adenocarcinoma** Chu Qin (Wuxi, China), Huachi Jiang, Zhening Pu, Min Tao, Liang Zhang, Haoda Yu	**OA5663**
11:50	**Discussion and Q&A** All speakers	**OA5664**

3J Session 497 11:00 - 12:15

Oral presentation: Respiratory health: the age of omics

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health Pulmonary function testing

Tag(s) : Basic science, Translational , Digital health

Chairs : Andre F.S. Amaral (London, United Kingdom), Helena Backman (Lulea, Sweden)

11:00	**Late Breaking Abstract - Gut microbiome diversity and butyrate-producing species are positively associated with spirometric lung function: a two-cohort metagenomic study.** Sigrid Anna Aalberg Vikjord (Trondheim, Norway), Eivind Coward, Andrei Malinovschi, Tove Fall, Johan Ärnlöv, Ulf Hammar, Suneela Zaigham, Martin Färdig, Kristian Hveem, Claes Ohlsson, Lowie Vanfleteren	**OA5665**
11:05	**Genes involved in Interleukin-6-related pathways in allergic asthma: a meta-analysis of EGEA, FEAS, ALSPAC and SLSJ studies** Laurent Orsi (Villejuif, France), Taina K. Lajunen, Anne-Marie Madore, Fergus Hamilton, Patricia Margaritte-Jeannin, Raphaël Vernet, Emmanuelle Bouzigon, Raquel Granell, Maritta S. Jaakkola, Catherine Laprise, Jouni J.K. Jaakkola, Marie-Hélène Dizier*, Rachel Nadif*	**OA5666**
11:10	**Genetic susceptibility to causal relationship between antidiabetic drugs and respiratory infection susceptibility in diabetes** Zhenchao Wu (Beijing, China), Taikang Yao, Nan Wu, Beibei Liu, Ming Lu, Li Liu, Ning Shen	**OA5667**
11:15	**Genetic ancestry and COPD in adults from the Southern Caribbean – evidence from the Cartagena Cohort Study (CaReS) in Colombia** GUSTAVO MORA-GARCIA (Cartagena, Colombia), Eduer Pérez Castilla, Guillermo Castillo-Perez, Diana Mena-Yi, Sara Mestra-Meriño, Maria Ruiz-Díaz, Aleandra Puerto-Lopez, Josefina Zakzuk, Edgar Vergara, Nerlis Pájaro-Castro, Federico Prada, Rodrigo Villegas, Vanessa García-Larsen, Elmer Fernandez, Fernando Manzur-Jattin, Guillermo Castillo Perez	**OA5668**

11:20	**Trans-Ancestry GWAS Meta-analysis of Asthma-COPD Overlap** Ahmed Edris (Oxford, United Kingdom), Kuang Lin, Alex Williams, Valeria Lo Faro, Zhe Wang, Yuya Shirai, Shinichi Namba, Chiara Batini, Mu-Yi Shih, Ashley J Mulford, Yuji Yamamoto, Alan R Sanders, Maaike de Vries, Anne Yen-Chen Feng, Catehrine John, Yukinori Okada, Ruth F. J. Loos, Judith Vonk, Roelof A. J. Smit, Liming Li, Caroline Hayward, Harold Snieder, Zhengming Chen, Martin Tobin, Robin Walters	**OA5669**
11:25	**A novel index of early-life growth adversity (height-GaP) identifies inflammatory vulnerability in smokers: Evidence from SCAPIS** Jonas Eriksson Ström (Umeå, Sweden), Simon Kebede Merid, Joel Bergqvist, Anders Blomberg, Gabriella Eliason, Hannes Holm Isholth, Petra Kristina Jacobson, Emily Krantz, Marina Labor, Mirjam Ljunggren, Andrei Malinovschi, Ida Pesonen, Benjamin M Smith	**OA5670**
11:30	**Alpha-1 antitrypsin deficiency and mortality risk from arterial aneurysm, arterial dissection, and subarachnoid hemorrhage** Sine Voss David (Værløse, Denmark), Børge Nordestgaard, Morten Dahl	**OA5671**
11:35	**Clonal Hematopoiesis of Indeterminate Potential and Risk of Asthma: a Prospective Population-based Cohort Study** Changxing Ou (Guangzhou, China), Mingkai Huang, Yang Zhang, QingLing Zhang	**OA5672**
11:40	**Air pollution accelerates DNA methylation ageing, mitigated by the Mediterranean diet: a cross-sectional study in the UK AIRWAVE cohort** Azaan Zaki (LONDON, United Kingdom), Ian Mudway, Oliver Robinson, Daniela Fecht, Andy Heard, Paul Elliot, Paolo Vineis, Gary Frost	**OA5673**
11:45	**Plasma metabolomics and genetic risk interactions unveil cardiovascular disease risk in middle-aged and elderly populations with COPD** Shuliang Guo (Chongqing, China), Jun Wen	**OA5674**
11:50	**Discussion and Q&A** All speakers	**OA5675**

3K Session 498 11:00 - 12:15

Oral presentation: New insights in paediatric sleep-disordered breathing and non-invasive ventilation

Disease(s) : Sleep and breathing disorders

Method(s) : General respiratory patient care Physiology Epidemiology Imaging

Tag(s) : Clinical

Chairs : Mihaela Oros (Bucuresti, Romania), Maeve Gough (London, United Kingdom)

11:00	**Late Breaking Abstract - Follow-up After CPAP Therapy Initiation in Pediatric Obstructive Sleep Apnea Syndrome (OSAS) – Insights from a Retrospective Analysis** Christina Bernold (Rotkreuz, Switzerland), Inés Rubira, Andrew Bush, Hui-leng Tan	**OA5676**
11:05	**Ensemble deep learning approach for pediatric sleep apnea screening using cardiorespiratory signals** Clara García-Vicente (Valladolid, Spain), Gonzalo C. Gutiérrez-Tobal, Máximo Domínguez-Guerrero, María Fernández-Vaquerizo, Lidia Enríquez-Meijome, Carla de León-Morán, David Gozal, Roberto Hornero	**OA5677**
11:10	**Urinary metabolomic profiling identifies metabolic alterations in children with obstructive sleep apnea** Marina Attanasi (Chieti (CH), Italy), Annamaria Venanzi, Maria Concetta Cufaro, Giorgia Spalluto, Beatrice Panetti, Paola Di Filippo, Sabrina Di Pillo, Francesco Chiarelli, Piero Del Boccio, Damiana Pieragostino, Annamaria Porreca	**OA5678**
11:15	**Cardiovascular risk through hypoxic burden in children with obstructive sleep apnea: A secondary analysis of a nonrandomized clinical trial - Kids Trial study** Esther Solano Pérez (Guadalajara, Spain), Belén García-Mediano, María Castillo-García, Sofía Romero-Peralta, Esther Viejo-Ayuso, Laura Silgado-Martínez, Leticia Álvarez-Balado, Rosa Mediano San Andrés, Adriana Rodríguez-Perojo, Álvaro Mato-López, Carles Forné, Pilar Resano-Barrio, Francisco García-Río, Irene Cano-Pumarega, Manuel Sánchez-de-la-Torre, Alfonso Ortigado, Laura Fidalgo, Ángel Rodríguez, Sonia López-Monzoni, Olga Mediano	**OA5679**
11:20	**Association of Obstructive Sleep Apnea Severity with Retinal and Choroidal Structural Changes in Children: A Pilot Study** Yadigar Öztürk (İstanbul, Türkiye), Furkan Atalay, Sinem Can Oksay, Esma Ecem Özkan, Saniye Girit	**OA5680**

11:25	**Using a combination of oximetry measures to predict OSA in Down Syndrome** Hannah Vennard (Glasgow, United Kingdom), Menaga Ananthamoorthy, Elise Buchan, Thomas L Wilkinson, Rebecca Lennon, Jay James, David Young, Martin Samuels, Hazel Evans, Ross Langley	**OA5681**
11:30	**Utility of video EEG during overnight polysomnography: a single center experience** Harish Rao (Indianapolis, United States)	**OA5682**
11:35	**Evaluating the diagnostic accuracy of smartphone video clips against polysomnography for paediatric obstructive sleep apnoea** Parviz Habibi (London, United Kingdom), Cal Mclean, Zachary Jones, Joseph Eliahoo	**OA5683**
11:40	**Can Mindfulness-Based Intervention Improve CPAP Adherence in Adolescents with Obstructive Sleep Apnea?** Chun Ting Au (Toronto, Canada), Indra Narang	**OA5684**
11:45	**National multicentre cross-sectional study on the respiratory status of Spanish paediatric patients with severe spinal muscular atrophy treated with disease-modifying therapies.** Maria Cols Roig (Esplugues del Llobregat, Barcelona, Spain), Mirella Gaboli, Juan Carlos Ramos Díaz, Pablo Morillo, Borja Osona, Ana Díez, Santiago Pérez Tarazona, Pedro Mondéjar López, Natividad Viguria Sánchez, Olaia Sardón Prado, Cristina Puig Ram, Rocío García Uzquiano, Stephanie Lotz Esquivel, Jésica María Expósito Escudero, Daniel Natera De Benito, Andrés Eduardo Nascimiento Osorio	**OA5685**
11:50	**Discussion and Q&A** All speakers	**OA5686**

Studio — Session 499 — 11:15 - 12:00

Deep Dive: Evolving voices: the changing language of patient-parent-doctor communication

Aims : To explore how communication strategies should evolve across the patient journey, from diagnosis, supporting parents making complex treatment decisions, to empowering children and young people with chronic respiratory disease, and improving adherence in common respiratory conditions. To highligh, through three concise presentations followed by an extended audience discussion, practical approaches that clinicians can implement in everyday practice while incorporating both professional and patient perspectives.

Chairs : Carlos Pons (Palma, Spain), Agnes Boots (Maastricht, Netherlands), Louise Fleming (London, United Kingdom)

11:15	**Shared decision-making with parents of children with complex respiratory disorders** Dirk Schramm (Düsseldorf, Germany)	**5687**
11:23	**Communication from diagnosis to transition for children with chronic suppurative lung diseases** Deepa Patel (Leicester, United Kingdom)	**5688**
11:31	**Improving treatment adherence and reducing environmental triggers through effective communication in childhood asthma** Dominic Fitzgerald (Sydney (NSW), Australia)	**5689**
11:39	**Discussion and Q&A** All speakers	**5690**

3.11 — Session 500 — 11:30 - 14:10

Skills workshop: SW15 SW15: Thoracic ultrasound basic principles – €

Additional registration is required for this session

Aims : To describe the current use of thoracic ultrasound; to provide participants with the opportunity to perform the thoracic ultrasound technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Tag(s) : Clinical

Chairs : Rahul Bhatnagar (Bristol, United Kingdom)

11:30	**Introduction** Rahul Bhatnagar (Bristol, United Kingdom)	**5691**
11:50	**Normal thoracic cavity** Morten Bendixen (Odense C, Denmark), Janet Fallon (Somerset, United Kingdom)	**5692**
11:50	**Pleural effusion and/or pleural thickening** Christian Kildegaard (Odense, Denmark), Giovanni Volpicelli (Torino (TO), Italy)	**5693**

11:50	**Case studies** Radhika Banka (Mumbai (Maharashtra), India)	**5694**
11:50	**Guided interventions** Dinesh Addala (Oxford, United Kingdom), Gilles Mangiapan (Creteil, France)	**5695**

3D Session 503 12:15 - 13:15

Joint session: Bronchiectasis year in review 2026: targeting disease activity to improve outcomes

A joint ERS and industry session supported by Boehringer Ingelheim, Chiesi, GSK and Insmed

Aims : To present clinical and translational information focused on improving outcomes for people with bronchiectasis, incorporating paediatrics, cystic fibrosis, new data on disease progression and risk assessment, and novel therapies with a focus on new translational science, giving this session broad appeal; to discuss what has been learned from diseases such as cystic fibrosis and primary ciliary dyskinesia and how this informs the approach to managing other types of bronchiectasis; to discuss how to identify patients at risk of severe disease or disease progression requiring more aggressive treatment, with reference to the recent ERS guidelines; to discuss the development of new therapies for bronchiectasis with a focus on disease modification and new translational science.

Disease(s) : Respiratory infections

Tag(s) : Clinical, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Charles Haworth (Cambridge, United Kingdom), Pamela J. McShane (Bethesda, United States)

12:15	**Patient testimony** Justine Hamaïde (Paris, Île-de-France, France)	**5711**
12:20	**Prevention is better than cure: perspectives from paediatrics and genetic syndromes** Marcus Mall (Berlin, Germany)	**5712**
12:35	**Identifying patients at risk: is this the way to prevent progression?** Oriol Sibila Vidal (Barcelona, Spain)	**5713**
12:50	**Translating new understanding into new therapies for bronchiectasis** Amelia Shoemark (Dundee (Angus), United Kingdom)	**5714**
13:05	**Discussion and Q&A** All speakers	**5715**

PS-1 Session 508 12:30 - 14:00

Poster session: Asthma: mechanisms, management and outcomes

Disease(s) : Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Epidemiology Public health Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Bart Hilvering (Utrecht, Netherlands), Christina Bal (Wien, Austria), Mariana Cordeiro Da Silva Lagarto (Porto, Portugal)

	Late Breaking Abstract - Cost-effectiveness of a whole system implementation of asthma self -management: health economic evaluation of the IMP2ART cluster randomised implementation trial Timothy Driscoll, Mari Jones, Ffion Davies, Thomas Hamborg, Victoria Hammersley, Catherine Macleod, Vivienne Marsh, Joshua Parsons, Jessica Sheringham, Elizabeth Steed, Beth Stuart, Steph Taylor, Deb Fitzsimmons, Hilary Pinnock	**PA5729**
	Individualized Bronchodilator Response Thresholds Improve the Diagnostic Performance of Asthma Hang Su (Shanghai, China), Min Zhang	**PA5730**
	Significance of Serum IgE and Interleukin Levels for Predicting Asthma Control in School-Aged Children Jing Wen (Chongqing, China)	**PA5731**
	Diagnostic Value of Exhaled Nitric Oxide (FeNO) and/or Blood Eosinophils in People Referred by Primary Care for Suspected Asthma (DIVE) Morgane Gronnier (Sherbrooke, Canada), Lauranne Pouliot, Laurence Désy, Mathieu Belzile, Martine Duval, Félix-Antoine Vézina, Sarah-Eve Lemieux, Samuel Lemaire-Paquette, Philippe Lachapelle, Simon Couillard	**PA5732**
	Role of combined elevation of blood eosinophil count and fractional exhaled nitric oxide in lung function decline and exacerbation risk in mild to moderate asthma Yunus Çolak (Copenhagen, Denmark), Børge G. Nordestgaard, Shoaib Afzal	**PA5733**

Blood eosinophil count trajectories and lung function decline over 10 years in asthma in the general population Shoaib Afzal (Herlev, Denmark), Børge G Nordestgaard, Yunus Çolak	**PA5734**
Dissociation Between Eosinophil Counts and Granule Protein Levels: Implications for Diagnosis in Type 2 Inflammatory Disorders Peiji Yao (Chengdu, China), Jianyue Peng, Lan Yang, Weimin Li, Lei Li	**PA5735**
Sex-specific impact of metabolic dysregulation on asthma control and airway inflammation. Tamara Blickisdorf (New Lambton Heights, Australia), Bronwyn Berthon, Lisa Wood, Sarah Valkenborghs, Anne Dixon, Jay Horvat, Natasha Weaver, Serene Yoong, Evan Willliams, Alexandra Brown, Christine Jenkins, Meagan Morrissey, Peter Wark, Katie Wynne, Christopher Grainge, Emad El-Omar, Lily Williams, John Brannan, Hayley Scott	**PA5736**
Associations between estradiol levels and lung function in an exploratory cohort of patients with obstructive airway diseases Hongtao Niu (Beijing, China), Christine Mwasuku, Elaine Viloria, Jonathan Baker, Mona Bafadhel	**PA5737**
When Asthma Refuses to Behave: Insights from an Indian Tertiary Care Centre on ABPA as a Driver of Difficult-to-Treat Asthma Avya Bansal (Mumbai (Maharashtra), India), Sanket Gadam, Asmita Sakle	**PA5738**
Dupilumab achieving clinical remission in adults and adolescents with moderate-to-severe type-2 asthma: win ratio analysis Sanjay Ramakrishnan (Perth, Australia), Nayia Petousi, Ian D. Pavord, Brian J. Lipworth, Arnaud Bourdin, Changming Xia, Olivier Ledanois, Rebecca Gall, Simon Couillard	**PA5739**
Real-world application of the CONFiRM score to assess response to biologic agents in children with severe asthma. Ilaria Testa (London, United Kingdom), Jakob Ko, Sara Fontanella, Alexandra Adams, Cara Bossley, Pippa Hall, Claire Jackman, Sukeshi Makhecha, Rachel Moore-Crouch, Prasad Nagakumar, Elizabeth Scotney, Samatha Sonnappa, Andrew Bush, Louise Fleming, Sejal Saglani	**PA5740**
Inhalation Therapy with Budesonide Delivered via a Mesh Nebulizer in Patients with Acute Exacerbation of Bronchial Asthma Did Not Demonstrate Clinical Advantages Compared with a Jet Nebulizer Svetlana Trofimova (Astana, Kazakhstan), Kymbat Kurmangazinova, Bayan Bektassova	**PA5741**
Relationship between eHealth Literacy and Medication Adherence in Patients with Asthma: The Mediating Role of Self-Efficacy Lingling He (Chongqing, China)	**PA5742**
Perceptions on SABA Overuse, MART Uptake and Environmental Beliefs in Asthma Management: Results of a Cross-sectional Survey Among Clinicians in India Avya Bansal (Mumbai (Maharashtra), India), Bipan Chander Sarin, Rajiv Ranjan, P Vivek, Bharat Toshniwal, Swapna Nair	**PA5743**
Disease burden and unmet need in mild and moderate asthma patients: Findings from a real-world study across Europe and the United States Mark Small (Bollington (Cheshire), United Kingdom), Lucia De Prado Gomez, Pablo Altman, Omar Saeed, Adam Haq, Asif H Khan	**PA5744**
Multi-AI Agent System Enhances Severe Asthma Diagnosis and Assessment in Clinical Practice Hang Su (Shanghai, China), Min Zhang, Wuping Bao	**PA5745**
Elevated FeNO in EGPA with normal eosinophils suggests uncontrolled sinus disease Sergey Fedosenko (Hamilton, Canada), Sarita Thawanaphong, Meida Baublyte, Gabija Stulgyte, Carmen Venegas Garrido, Terence Ho, Mats Junek, Doron D. Sommer, Nader Khalidi, Parameswaran Nair	**PA5746**
Sitting time, physical activity, and asthma exacerbations in adults: a cross-sectional study Changyong Wang (Chengdu, China), Ji Wang, Gang Wang	**PA5747**
Untangling the Maintenance Conundrum and Reliever Reliance: Insights From a Cross-Sectional Patient Survey on Inhaler Understanding in India Avya Bansal (Mumbai (Maharashtra), India), Suhas Bardapurkar, Ravindra Nallagonda, Goli M Venkata Kasiram, Swapna Nair	**PA5748**

PS-10 Session 509 12:30 - 14:00

Poster session: Towards personalised obstructive sleep apnoea therapy: technologies and treatment outcomes

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : Pulmonary function testing General respiratory patient care Cell and molecular biology Physiology Epidemiology Pulmonary rehabilitation Respiratory intensive care Public health

Tag(s) : Clinical

Chairs : Carolina Lombardi (Milano (MI), Italy), Johan Verbraecken (Edegem (Antwerp), Belgium), Jorge Rodriguez Sanz (ZARAGOZA (SPAIN), Spain)

RCT Abstract - IPIAM trial: Investigating the benefit of digital Patient engagement to Improve Adherence at 4-months Maxime Patout (Paris, France), Clara Bianquis, Marie Anne Melone, Bruno Ribeiro-Baptista, Sven Günther, Acya Bizieux, François Goupil, Justine Frija, Alice De Sanctis, Anne-Laure Sérandour, Wojciech Trezpizur, Pauline Sabot, Antoine Jezequel, Antoine Cuvelier, Frederic Gagnadoux, Arnaud Prigent	**PA5749**
Are all Adaptive Servo Ventilators equivalent ? Description on test bench Baptiste Rouchié (Bagneux, France), Mary Schmitt, Mary Pia d'Ortho	**PA5750**
CPAP therapy alters oral microbiota and metabolites in OSA patients Linfan Su (Beijing, China)	**PA5751**
Frontal delta power asymmetry during diagnostic and CPAP titration nights in obstructive sleep apnea Damla Azaklı (Istanbul, Türkiye), Ecem Bilensoy, Eslem Gul, Ayse Bahadir, Sibel Yurt, Mehmet Akif Ozgul	**PA5752**
Periodic breathing as an independent predictor of home CPAP titration failure in Obstructive Sleep Apnea Bastian Sobrevia (Santiago, Chile), Gonzalo Labarca, Joaquin Nieto Pino, Eva Retamal Riquelme, Mario Henriquez-Beltran, Daniel Solomons	**PA5753**
Tailored Intervention on Nutrition and Exercise for obstructive sleep apnea patients treated with CPAP: The TINE STUDY Franck Vilcourt (Saint-Etienne, France), Mathieu Berger, Grégory Heiniger, Geoffroy Solelhac, Nicola Adrea Marchi, Martin Garet, Léa Vidal, Théo Imler, Florian Chouchou, Frédéric Roche, Raphael Heinzer	**PA5754**
Sleep quality and daily physical activity in obstructive sleep apnea and following CPAP therapy Kristin E MacLeod (Kingston, Canada), Regan M T Sinden, Matthew D James, Helen S Driver, Christina Liak, Amirali Mahpour, Vanessa Martelli, Sebastián Rodríguez-Llamazares, J Alberto Neder, Nicolle J Domnik	**PA5755**
Building Better Patient-Reported Tools: Decoding Residual Sleepiness in CPAP-Treated OSA Federico Giordani (Rome, Italy), Francesca Ferraro, Antonio Fratini, Paolo Ghelardini, Angela Nervoso, Ubaldo Ciccarelli, Francesco Macagno, Matteo Siciliano	**PA5756**
A method for early detection of flow-limiting events to guide personalised PAP therapy in sleep-disordered breathing Jordan F Hill (Christchurch, New Zealand), Ella FS Guy, Christopher G Pretty, J Geoffrey Chase	**PA5757**
Does telemonitoring improve Continuous Positive Airways Pressure compliance? Zaineb Ghizaoui (ariana, Tunisia), Houda Gharsalli, Sabri Hajjaji, Sonia Maâlej Bellaj, Leila Douik ElGharbi	**PA5758**
Impact of hypopnea scoring criteria on endotype quantification in obstructive sleep apnea Tim Heuker of Hoek (Enschede, Netherlands), Anne Bremmer, Frans de Jongh, Pedro Fonseca, Sebastiaan Overeem, Timon Fabius	**PA5759**
NON-CONTACT SUPINE SLEEP POSITION ESTIMATION USING A SOUND-BASED AI MODEL Jeong-Whun Kim (Seongnam, Republic of Korea), Soo Min Kim, Seunghun Kim	**PA5760**
Impact of orofacial myofunctional therapy on obstructive sleep apnea severity and upper airway anatomy: a prospective interventional study Zaineb Ghizaoui (ariana, Tunisia), Houda Rouis, Syrine Abdellatif, Amel Khattab, Ibtihel Ibtihel Khouaja, Ines Zendah, Sonia Maâlej	**PA5761**
Transcutaneous Electrical Stimulation-Induced Fatigue in the Tibialis Anterior: A Surrogate Model for Upper Airway Muscle Function Mohammed Alkhathami (London, United Kingdom), Asim Madkhali, Ahmed Almaghrabi, Georgios Kaltsakas, Gerrard Rafferty, Joerg Steier	**PA5762**

Posture-dependent effects of submental transcutaneous electrical stimulation on blood pressure in patients with Obstructive Sleep Apnoea and healthy volunteers **PA5763**
Ahmed Almaghrabi (London, United Kingdom), Asim Madkhali, Mohammed Alkhathami, Abdulaziz Alsharifi, Georgios Kaltsakas, Gerrard F Rafferty, Joerg Steier

Comparative Analysis of Clinical Screening Tools for Obstructive Sleep Apnea **PA5764**
Ahmed Metwaly (Assuit, Egypt), Rafaat El sokkary, Mohamed Gamal, Alla Atef

Use of Nocturnal Pulse Oximetry in COPD Patients to Optimize Home Oxygen Therapy Prescription at Juan Ramón Jiménez Hospital (Huelva) **PA5765**
Ana Rodríguez Cabrera (Huelva, Spain), Antonio José Ruiz Reina, Myriam Gandulfo Lara, Javier Romero López, Marta Pérez Ortega, Jessica Hilares Verá, Clara Romero Sayago, Ana Belén Rodríguez Gómez, Sara González Gutierrez, Jaime Domínguez Caro, Alberto González Hernandez

OSA screening: The return of the oximeter? **PA5766**
Trish Matharu (Walsall (West Midlands), United Kingdom), Joanna Shakespeare, Jay Darley, Asad Ali

PITOLISANT FOR RESIDUAL EXCESSIVE DAYTIME SLEEPINESS (EDS) IN PATIENTS WITH OBSTRUCTIVE SLEEP APNEA TREATED WITH OVERNIGHT POSITIVE AIRWAY PRESSURE (PAP) THERAPY **PA5767**
Raffaella Pagliaro (Alvignano, Italy), Carmela Cirillo, Anna Leoni, Giulia Alaimo, Susan FM Campbell, Giuseppe Luciano, Giuseppe Scotti, Roberta Cianci, Fabio Perrotta, Andrea Bianco, Carlo Iadevaia

Impact of Body Mass Index on Apnea Severity and Daytime Sleepiness in Obstructive Sleep Apnea **PA5768**
Mohamed REBEI (sfax, Tunisia), Melek Feki, Mohamed Rebai, Selsabil Bouafia, Rihab Kefi, Baraa Ben Bdira, Iteb Ben Limem, Asma Omrane, Asma Knaz, Sana Issa, Imen Gargouri, Ahmed Abdelghani

PS-11 Session 510 12:30 - 14:00

Poster session: Novel approaches to diagnostics and therapeutics in sleep apnoea

Disease(s) : Sleep and breathing disorders Airway diseases

Method(s) : General respiratory patient care Epidemiology Physiology Pulmonary rehabilitation Public health

Tag(s) : Clinical

Chairs : Deeban Ratneswaran (London, United Kingdom), Daniela Ferreira-Santos (Porto, Portugal), Jayleigh Lim (Limerick, Ireland)

Late Breaking Abstract - Wearable photoplethysmography enables scalable detection of obstructive sleep apnoea in a large population cohort **PA5769**
Faizan Javed (Bella Vista, Australia), Milan Thomas

Night-to-night variability leads to misclassification of obstructive sleep apnoea severity in single-night polysomnography: a two-night analysis of 1,248 patients **PA5770**
Philipp Konermann (Basel, Switzerland), Naghmeh Ghazaleh, Martin Konermann, Anette Frank, Silviu Chirila, Silviu Allgeier-Smith, Werner Strobel, Katrin Hostettler

Data-driven phenotyping of sleep-disordered breathing (SDB) identified using unsupervised machine (UML) learning in routine in-laboratory polysomnography (PSG). **PA5771**
Mateen Uzbeck (Abu Dhabi, United Arab Emirates), Said Isse, Ali Wahla, Zaid Zoumot, Lubna Alhourani, Rafeek Kandy, Irfan Shafiq

Clinical and echocardiographic predictors of severe sleep apnea hypopnea syndrome in chronic heart failure **PA5772**
Ferdaous Yangui (La Marsa, Tunisia), Ines Helal, Syrine Abdellatif, Soumaya Debiche, Salma Mokaddem, Hela Cherif, Sarra Romdhane, Amine Boufares, Saoussen Antit, Lilia Zakhama, Mohamed Ridha Charfi

Smartphone-based multimodal digital biomarkers for detection of obstructive sleep apnea **PA5773**
Alison Wimms (Sydney, Australia), Alvin Lim Zhi Guang, Rakesh Prakash, Daniela Tellez, Andrew Partington, Yi Dayton, Yang Yan, Yu Heng Goh, Zhuo Zeng, Ethan Farrugia, Liam Davies, Dominica Leaver, Jinting Xiao, Jaykumar Soni, Lisa Erikli, Sarah Pongrass, Jeff Armitstead, Bikash Ranjan Bhoi, Juliette Barker, Michael Hogg, Fiza Mughal, Ji Hae Jang, Rakesh Chovatiya, Ankit Yadav, Freya Liu, Harshpinder Singh, Christopher Gill, Liam Holley

Effect of allergic rhinitis on total sleep time by OSA severity **PA5774**
Ersin Gözcü (Elazığ, Türkiye), Teyfik Turgut, Gamze Kırkıl, Erdal İn, Mutlu Kuluöztürk, Önsel Öner, Siahmet Atlı, Orkun Eroğlu, Abdulvahap Akyiğit

Evaluation of the Association Between Sedentary Work, Shift Work, and Severe Obstructive Sleep Apnea **PA5775**
Burcu Arpinar Yigitbas (Istanbul, Türkiye), Beyza Yildirimli, Sacit Icten, Esra Yazar

	Longitudinal changes in sleep-disordered breathing in patients with REM sleep behavior disorder Hideaki Nakayama (Tokyo, Japan), Akira Usui, Yuichi Inoue	**PA5776**
	Metabolic correlates of obstructive sleep apnoea in children with and without Prader–Willi syndrome: The role of the single-point insulin sensitivity estimation index (SPISE) Abdurrahman Zarif Güney (İstanbul, Türkiye), Osman Talha Akpınar, Abdülhamit Çollak, Furkan Yılmaz, Elvan Bayramoğlu, Hande Turan, Saadet Olcay Evliyaoğlu, Ayşe Ayzıt Kılınç Sakallı	**PA5777**
	Diagnostic performance of the BOAH scale for identifying severe obstructive sleep apnoea Anbumaran MANI (CHENNAI, India), Shanmuga Priya, Dr.Anbumaran Parivakkam Mani	**PA5778**
	Comparative study of respiratory polygraphy and polysomnography in children with suspected obstructive sleep apnoea: impact on waiting times and management. Marta Cristeto (Logroño, Spain), Marta Cristeto Porras, Maria Alejandra Arias Hualpa, Rufy Alejandro Suarez Perez, Alejandra Roncero Lazaro, Maria Aguado Agudo, Mariola Breton Ruiz, Amaia Perez de Nanclares Saez, Maria Torres Muga, Claudia Saenz Peso, Maria Dolores Ramirez Martinez, Jorge Lazaro Galán, Paula Vicente Hernando, Laura Perez Bozalongo, Maria de la Fuente Grijalvo, Denahi Alejandra Portillo Caldera, Alba Velasco Moyano, Elsa Daniela Balleza Rios, Carlos Ruiz Martinez	**PA5779**
	Chest-worn smartphone-based AHI prediction and bed-partner presence: INSIGHT multicentre analysis François Bughin (Castelnau le lez, France), Régis Lopez, Benoit Buttet, Laure-Alea Essari, Julien Soler, Nicolas Saumier, Frank Soyez, Frédéric Chalumeau, Kelly Guichard, Marc Sapene, Nathalie Raymond, Camille Tisserand, Jérome Pinot, Fabrice Charles, Juliette Millet, Leon Migus, Guillaume Cathelain, Julien Favier, Ruben Wanono	**PA5780**
	Five Year Efficacy Data for Novel EPAP enhanced Mandibular Advancement Device to Treat OSA Sat Sharma (Toronto (ON), Canada), Hilary Reiter, Antonella Conflitti	**PA5781**
	Nocturnal blood pressure patterns in normotensive patients with obstructive sleep apnea Adriana Loredana Pintilie (Iasi, Romania), Andreea Zabara Antal, Carina Adina Afloarei, David Toma, Dragos Traian Marcu, Radu Crisan Dabija	**PA5782**
	Comparison of SONNO® home sleep test with in-laboratory polysomnography in the diagnosis of obstructive sleep apnea syndrome Sat Sharma (Toronto (ON), Canada), Antonella Conflitti, Rami Al Metwali, Sukhbir Singh, Edward Osagie	**PA5783**
	Non-invasive ventilation improves quality of life in rigid spine syndrome Essa Alrashedi (Riyadh, Saudi Arabia), Essa A Alrashedi, Samah Alqahtani	**PA5784**
	Adjunctive Bright light therapy to Enhance CPAP Adherence in Patients with Comorbid Major Depressive Disorder and Obstructive Sleep Apnea Syndrome : A randomized sham controlled trial HOUDA EL AZZAOUI (Lyon, France), Sébastien Catoire, Olivier Grasset, Jérôme Brunelin, Thierry D'amato, Claude Gronfier	**PA5785**
	Effects of somatosensory-based integrative respiratory rehabilitation programme on CPAP adherence and patient-reported outcomes in obstructive sleep apnoea Seda Karaca (Rize, Türkiye), Tuğçe Duman Özkan	**PA5786**
	Real-world efficacy of pitolisant on residual Excessive Daytime Sleepiness and fatigue in OSAS patients treated with CPAP Domenico Cristiano (Naples, Italy), Giuseppe Simonetti, Simona Sessa, Alessandro Saglia, Antonio Molino	**PA5787**
	Clinical Utility of Drug-Induced Sleep Endoscopy in Obstructive Sleep Apnoea: Collapse Patterns and Impact on Therapeutic Decision-Making Beatriz Raboso Moreno (Madrid, Spain), waail boubekri, Laura Castellanos Lopez, María Conejero Merchán Conejero Merchán, Jorge Mora Pinilla, Alejandro García García, Carmen María Acosta Gutierrez, Javier Álvarez Albarrán, Araceli Abad Fernández Abad Fernández, Díaz García Jose María	**PA5788**

PS-12 Session 511 12:30 - 14:00

Poster session: Deep dive into heterogeneous mechanisms: identifying novel therapeutic targets for airway diseases

Disease(s) : Airway diseases Respiratory critical care

Method(s) : Cell and molecular biology Pulmonary function testing General respiratory patient care Physiology Imaging

Tag(s) : Basic science, Translational

Chairs : Simon Lea (Manchester (Greater Manchester), United Kingdom), Maeva Zysman (cabanac et villagrains, France), Chair to be confirmed

Late Breaking Abstract - Improvement in 129Xe ventilation MRI and CT mucus plugging in severe asthma following tezepelumab Carmen Venegas Garrido (Hamilton, Canada), Chynna Huang, Ekamdeep Sandhu, Nandhitha Ragunayakam, Anusha A Mappanasingam, Sarita Thawanaphong, Yonni Friedlander, Norman Konyer, Melanie Kjarsgaard, Maral Ranjbar, Lisa Harper, Katherine Radford, Esraa Dergham, Joanne Papple, Terence Ho, Gail Gauvreau, Ehsan Haider, Parameswaran Nair, Sarah Svenningsen	**PA5789**
NSUN2-mediated m5C methylation of AKAP12 alleviates airway epithelial cell senescence in COPD Junhao Zhou (Chongqing, China), Yuan Zhan, Li Xu, Shuliang Guo	**PA5790**
Yupingfeng alleviates Chronic Obstructive Pulmonary Disease by Modulating Airway Microbiota and JAK-STAT Signaling Pathway Tiwei Miao (chengdu, China), Juanjuan Fu, Longyi Du, Wei Xiao, Yan Yu, Meilu Liu, Lijuan Gao, Bing Mao	**PA5791**
Loss of AGR3 promotes acute exacerbation of COPD via moderating E-cadherin expression and connection in airway epithelial cells Rui Ye (Shenyang, China), Yichun Gao, Xiaoxiao Zhou, Shuang Bai, Li Zhao	**PA5792**
Targeting OXPHOS with Gboxin in M2 macrophages ameliorates experimental emphysema by suppressing Translation Bingxin Guo (Shenzhen, China), Ruoyan Xiong, Ran Zeng, Xin Fan, Qiuchun Shen, Jiacheng Zhong, Danting Zhan, Shanze Chen, Lingwei Wang	**PA5793**
Soluble guanylyl cyclase and Iron regulatory protein 2 interplay in a mouse model of resistive breathing. Dimitrios Toumpanakis (Athens, Greece), Kalliopi-Theoni Vandorou, Vyronia Vassilakopoulou, Eleftheria Mizi, Athanasia Chatzianastasiou, Kostas Pantopoulos, Theodoros Vassilakopoulos	**PA5794**
Identification of diagnostic markers of ubiquitination-associated gene in asthma based on machine learning and experimental validation Liping Lei (Guilin, China), Dong Yao, Bo Xiao, Biwen Mo	**PA5795**
Palmatine restores airway epithelial barrier function of asthma by inhibiting Alox15-mediated ferroptosis Wuping Bao (Shanghai, China), Jifei Wu, Lei Zhao, Yanmei Lin, Min Zhang	**PA5796**
Kaempferol Inhibits Smoke-Induced Lung Epithelial Ferroptosis by Stabilizing the Mitochondrial Respiratory Chain via Upregulation of NDUFB2 Hong Chen (Chongqing, China), yuezhou Zhang, Ke Liao, Huilin Yu, Yawan Zi, Shengxin Fan, Changlin Tang, Zhengyu Li	**PA5797**
Flavopiridol inhibits proliferation and induces apoptosis of airway smooth muscle cells Bo Xiao (Guilin, China), Mi Li, Dong Yao, Biwen Mo	**PA5798**
Serum cathepsin K as a biomarker of osteoclast activation in relation to the dose and type of inhaled corticosteroids in asthma Marija Gomerčić Palčić (Zagreb, Croatia), Sanda Dokoza Terešak, Ana Sablić Hadžalić, Ena Vučak, Ivana Folnožić, Kristijan Brkić, Barbara Goršeta, Mirna Vergles, Luka Vrbanić	**PA5799**
Impact of biologic therapy in severe asthma patients with and without bronchiectasis: a retrospective study Inês Maria Brito Gonçalves (Arcos De Valdevez, Portugal), Mariana S Lima, Carla Carvalho, Mariana Serino	**PA5800**
The effect of particulate matter on sputum macrophage phenotype and neutrophilic inflammation. James Baker (MANCHESTER, United Kingdom), Joan Lie, Josiah Dungwa, Dave Singh, Simon Lea	**PA5801**
Mitochonic acid 5 ameliorates cigarette smoke-induced airway inflammation and oxidative stress through a process of the PPAR-γ/NF-κB pathway Tingting Zeng (Chengdu, China), Yongchun Shen	**PA5802**
Tezepelumab balances innate immune responses and limits myofibroblast differentiation Serena Di Vincenzo (Palermo (PA), Italy), Paola Pinto, Maria Ferraro, Elisabetta Pace	**PA5804**
Intranasal recombinant mouse interleukin-13 administration as a model of chronic obstructive pulmonary disease and asthma Melanie Jannaway (Cambridge, United Kingdom), Rob Oliver, Alison Dodd, Eleni Kougioumtzidou, Bojana Jakic, Antonio Piras, Raul Elgueta, Suzanne Cohen	**PA5805**

Sustained FLAP inhibition with fiboflapon dampens airway smooth muscle reactivity in guinea pig trachea **PA5806**
Jozef Mažerik (Stockholm, Sweden), Lisa Menke, Fiete Klöpper, Yujiao Xiang, Mikael Adner, Jesper Säfholm

OM-85 attenuates TGF-β–driven fibrotic and Epithelial-Mesenchymal-Transition (EMT) responses in primary airway cells from asthma and COPD patients **PA5807**
Eleni Papakonstantinou (Freiburg, Germany), Maria-Elpida Christopoulou, Theodora-Dionysia Sarantopoulou, Johanna Thomas, Daiana Stolz

Regulation of macrophage polarization by EZH2 in experimental pulmonary emphysema **PA5808**
Xin Fan (Shenzhen, China), Lingwei Wang, Shanze Chen, Danting Zhan, Bingxin Guo, Ruoyan Xiong, Ran Zeng, Xuan Zhu

PS-13 Session 512 12:30 - 14:00

Poster session: Addressing multimorbidity in airway diseases: clinical impact and management strategies

Disease(s) : Airway diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : General respiratory patient care | Physiology | Pulmonary function testing | Respiratory intensive care | Epidemiology | Palliative care | Public health

Tag(s) : Clinical

Chairs : Lowie Vanfleteren (Göteborg, Sweden), Alexandru Corlateanu (Chisinau, Republic of Moldova), Tamara Simonović (Podgorica, Republic of Montenegro)

Late Breaking Abstract - PRA-216, a long-acting bispecific IL-4Rα/TSLP antibody, demonstrates favorable safety, extended exposure, and durable pharmacodynamic activity in a Phase 1 study of healthy volunteers **PA5809**
Ian D. Pavord (Oxford, United Kingdom), Ryan Sullivan, Heather Arnett, Rong Deng, Miguel Sanjuan, Crhistina Trout, Sheila Gujrathi, Hector Ortega

CLINICAL CHARACTERISTICS OF CHRONIC OBSTRUCTIVE PULMONARY DISEASE IN PATIENTS WITH CONCOMITANT ATRIAL FIBRILLATION **PA5810**
Guzal Karimdjanova (Tashkent, Uzbekistan), Dano Egamberdieva

ATRIAL FIBRILLATION AS A MARKER OF A HIGH-RISK INFLAMMATORY PHENOTYPE IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE **PA5811**
Guzal Karimdjanova (Tashkent, Uzbekistan), Dano Egamberdieva

Cardiovascular outcomes of glucagon-like peptide-1 receptor agonists vs sodium–glucose cotransporter-2 inhibitors in COPD patients without diabetes **PA5812**
Kuang-Ming Liao (Tainan, Taiwan), Jheng-Yan Wu, Chih-Cheng Lai

Obesity-associated difficult-to-control asthma: baseline clinical profile and treatment burden in a randomized weight-management trial **PA5813**
Kamila Olimkhonova (Ташкент, Uzbekistan), Dano Egamberdieva

Impact of Obesity on Clinical Outcomes of Biologic Therapy in Severe Asthma: A National Cohort Study **PA5814**
Amir Bar-Shai (Tel-Aviv, Israel), Ori Liran, Sharon Engelberg, Doron Cohn-Schwartz, Aviv Kupershmidt, Inbar Yacoby Halevi, Inbal Friedman Regev, Shai Amor, Avraham Unterman, Boaz Tiran, Ariel Melloul, Ophir Freund

Effect of GLP-1RA on Blood Eosinophil Levels in Adults: A Real-World study **PA5815**
Wuping Bao (Shanghai, China), Yiting Wu, Yi Lin, Jifei Wu, Yanmei Lin, Lei Zhao, Wenwen Chen, Yufan Zhu, Yufan Wang, Min Zhang

Clinical characteristics and course of Korean patients with Chronic Obstructive Pulmonary Disease (COPD) with comorbid Interstitial Lung Abnormalities **PA5816**
JUOCK NA (Cheonan-si, Chungcheongnam-do, Republic of Korea), Kyeong-Deok Kim, Yu-Ri Kang, Chan-Ho Park, Ji-Hye Lee

The Contribution of Frailty and End of Life Status in COPD to Urgent Care Pressures: A potential opportunity for proactive shared decision making at scale **PA5817**
Raj Thakkar (High Wycombe, United Kingdom), Sarah Zaidi

Antidiabetic medications and exacerbations of chronic lung diseases: a systematic review and meta-analysis **PA5818**
Bohee Lee (London, United Kingdom), Kiran K Mann, Aaron Sanjeevan, Jorge Bernardino de la Serna, Ben Jones, Chloe I Bloom

Brittle bones and breathless lungs: Improving bone protection in chronic obstructive pulmonary disease (COPD) patients exposed to long term steroids, a quality improvement project (QIP). **PA5819**
Daniela Toumazi (Chelmsford, United Kingdom), Sunaina Lohano, Sruthi Anna Augustine, Edward Graham-Leigh, Abigail Moore

Risk factors for COPD exacerbations in patients treated with ICS/LABA/LAMA **PA5820**
Paolo Cosseta Reposi (Pavia, Italy), Simone Montini, Simone Cordoni, Caterina Cuomo, Valerio Paola, Giulia Maria Stella, Angelo Guido Corsico, Piloni Davide

Antidepressant medication burden before and after prescription of biologics in patients with severe asthma **PA5821**
Barbara Christine Weckler (Marburg, Germany), Michael Dreher, Timm Greulich, Bernd Schmeck, Frederik Trinkmann, Jennifer Schlecht, Celine Vetter, Karel Kostev, Lea Grotenrath, Niklas Jonny Gerkau, Jan Claudius Schwitalla, Tim Vierbuchen

Shifting Paradigms in COPD: Impact of Online Education on Holistic Multimorbidity Management **PA5822**
Shanthi Voorn (Amsterdam, Netherlands), Adriana Stan, Alessia Piazza, Margaux Le Berre, Daiana Stolz, Leonardo Fabbri, Tonya Winders

Safety, long-term clinical and health service impact of cardiovascular drugs in patients with chronic obstructive pulmonary disease: A systematic review and meta-analysis **PA5823**
Anthony Paulo Sunjaya (Sydney, Australia), Valencia Tan, Phoebe Langdale, Yen-Wen Chang, Jie Yu, Christine Jenkins

Beclometasone/formoterol/glycopyrronium triple therapy protects COPD patients from mortality and cardiovascular events: insights from a Bayesian analysis **PA5824**
Paola Rogliani (Roma (RM), Italy), Luigino Calzetta

Polypharmacy in COPD and Its Impact on Clinical Outcomes **PA5825**
Sibel Atış Naycı (Mersin, Türkiye), Demet Polat Yuluğ, Burcu Ozaltın, Oya Baydar Toprak, Efraim Guzel, Orkun Eray Terzi, Gokce Kulah, Seyma Baslılar, Emine Sena Bozkurt, Deniz Çelik, Aysu Sinem Koç, Halime Mualla Vatansever, Seyma Tunc, Fatma Sevval Unal, Neslihan Kose Kabil, Esra Temel, Nazife Balcı Saygılı, Hatice Kılıç, Gozde Oksuzler Kızılbay, Ümran Ozden Sertçelik, Alev Gurgun, Julide Celdir Emre, Latif Alperen Ozdemir, Dilara Oner Topcu, Elif Sen, Elif Selcuk, Gozde Mit, Hasan Demir, Yelda Varol, Seher Ogutlu Demirtas, Serife Kaya, Buket Mermit, Ege Gulec Balbay, Ozlem Ataoglu, Burcu Ozturk Sahin, Cansu Yaman, Nurdan Kokturk, Nazrin Salimzade, Furkan Kucuk, Sadettin Dolar, Esra Arslan Aksu, Serife Demir Aktepe, Ramazan Eren, Elif Yelda Niksarlıoglu, Ahmet Melih Sahin, Eylem Sercan Ozgur

Asthma with metabolic comorbidities is associated with elevated neutrophil to lymphocyte ratio and low levels of type 2 biomarkers **PA5826**
Anurag Bhalla (London, Canada), Cavizshajan Skanthan, Courtney Heaman, Lisa Cameron

Baseline Chronic Airways Assessment Test score and severe cardiopulmonary events in the ETHOS study: a post-hoc analysis **PA5827**
Mehul Patel (Cambridge, United Kingdom), Fernando J Martinez, John R Hurst, Carolyn SP Lam, David Berg, Niki Arya, Karin Bowen, Jonathan Marshall, Alec Mushunje, Sami Daoud

Aspirin reduces the mortality risk of patients combined with chronic obstructive pulmonary disease and heart failure: a retrospective cohort study based on MIMIC IV database **PA5828**
Jianquan Zhang (Shenzhen, China), Jiehua Deng, Yanqing Guo, Wenjun Xu, Lixia Wei, Weibin Ruan, Ziqing Mai, Xiaohua Li, Mingsi Huang, Mianluan Pan, Yaqin Wei, Xianhong Chi, Xinyan Chen, Bin Liang, Yongyu Chen

PS-14 Session 513 12:30 - 14:00

Poster session: Personalising and optimising treatment in airway diseases

Disease(s) : Airway diseases Thoracic oncology

Method(s) : General respiratory patient care Epidemiology Respiratory intensive care Public health Cell and molecular biology Pulmonary rehabilitation Physiology

Tag(s) : Clinical, Translational

Chairs : Hyun Lee (Seoul, Republic of Korea), Marie Fisk (Cambridge, United Kingdom), Corrado Pelaia (Catanzaro (CZ), Italy)

Late Breaking Abstract - GB-0895, a high-affinity antibody to TSLP, demonstrates potent and sustained pharmacological activity in adults with chronic obstructive pulmonary disease. PA5829
Kapil Mayawala (Secaucus, United States), David Singh, Victoria Szenes, Andreas Eich, Brian Leaker, Philipp Badorrek, Stanislav Ignatenko, Wade Lovelace, Sacha Prashad, Stephanie Straley, Amit Palurekar, Laurie Lee, Romana Hossain, Antonios Aliprantis, Lovely Goyal, Oliver Kornmann

Assessment of quality improvement impact on long-term oral corticosteroid (LTOCS) use in the International Severe Asthma Registry (ISAR) PA5830
Dominic Friston, Giorgio Walter Canonica, Désirée Larenas-Linnemann, Delbert Dorscheid, Borja Cosio, Carlos Torres-Duque, Liam Heaney, Piotr Kuna, Mariko Koh, Paulo Pitrez, Takashi Iwanaga, Riyad Al-Lehebi, Bernt Aarli, Laila Salameh, Ming-Ju Tsai, Florence Schleich, Hadassa Soares dos Santos, Patrick Mitchell, Chin Kook Rhee, Todor Popov, Konstantinos Kostikas, Alan Altraja, Sundeep Salvi, Fernando Saldarini, Matthew Peters, Juan Calderon, Camille Taillé, Christian Taube, Veronika Müller, Richard Costello, Mona Al-Ahmad, Maarten van den Berge, Eileen Wang, Njira Lugogo, Roy Pleasants, Trung Tran, John Busby, Aaron Beastall, Ghislaine Scelo, John Townend, Freya Tyrer, Susanne Hansen, David Price

Maternal and neonatal outcomes associated with inhaled corticosteroid use during pregnancy in women with asthma: A Nationwide Korean Cohort Study PA5831
Jeong Mi Lee (Seoul, Republic of Korea), Ga Young Shin, Tae woo Kim, Myung Jae Park, Jin An

One Year After a Severe Asthma Exacerbation Requiring Intensive Care: Changes in Clinical Management PA5832
Marina Paredes (Barcelona, Spain), Jeisson Osorio, Alberto García, Jorge Moisés, Nuria Albacar, Rosanel Amaro, Iñigo Ojanguren, Ebymar Arismendi

TRIMAXIMIZE study: interim insights on asthma control in Italy PA5833
Giovanna Elisiana Carpagnano (Bari, Italy), Walter Castellani, Giulia Scioscia, Cecilia Calabrese, Stefano Del Giacco, Anna Stanziola, Eleonora Ingrassia, Giorgia Sedda, Sonia Di Ciaccio, Gherardo Siscaro, Fulvio Braido

COPD management during lung cancer evaluation: A scoping review of existing evidence PA5834
Ditte Krag-Hansen (Odense NV, Denmark), Camilla Fischer Christiansen, Anders Løkke, Ingeborg Farver-Vestergaard, Ole Hilberg, Morten Hornemann Borg

Sustained Asthma Control Over Three Years with Beclometasone/Formoterol/Glycopyrronium: Results from the TriMaximize Study PA5835
Christian Gessner (Leipzig, Germany), Valentina Bogoevska, Richard E. K. Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Celina Fritz, Alexander Hahn, Veronika Grickschat, Frederik Trinkmann

Towards standartization of inhalation technique assessment: validation of the Five Steps Assessment Tool PA5836
Vladimir Koblizek (Hradec Králové, Czech Republic), Josef Maly, Tereza Hendrychova, Lenka Tupova, Gabriela Strnadova, Michal Svoboda, Eva Valaskova, Vratislav Sedlak, Karel Mls

Comparative disease burden in COPD patients on triple therapy versus GINA step 5 asthma patients PA5837
Tony De Soyza (Newcastle-upon-Tyne, United Kingdom), Josefine Persson, Tia Pennant, Mayesha Chowdhury, Giorgio Castellano, Duc Anh Ngo, Michael Pollack

Changes in Medication Adherence Among US Adults with Asthma and COPD After a National Policy to Improve Medication Affordability PA5838
Stephen Mein (Boston, United States), Lucas Marinacci, Darshali Vyas, Rishi Wadhera

Changes in Inhaler Prescribing After a Policy Aiming to Promote SMART Therapy Through Education and Formulary Reforms PA5839
Stephen Mein (Boston, United States), Rishi Wadhera, William Feldman

Cost-effectiveness of a hypothetical concurrent SCS and maintenance high-dose ICS sparing regime in severe asthma: a China & UK health system/payer perspective PA5840
Andre Verhoek (Barcelona, Spain), Guan Xin, Sofie Arnetorp, Danny Gibson, Trung Tran, Jonathan Marshall, Krishnali Parsekar, Xiao Xu, Jiaqi Yao, Luying Wang

DARWIN EU®-Respiratory indications for azithromycin use across European heahlthcare databases PA5841
Katia Mc Verhamme (Rotterdam, Netherlands), Marzyeh Amini, Ger Inberg, Ioanna Nika, Melissa Leung, Nicholas Hunt, Romain Griffer, Guillaume Verdy, Elvira Bräuner, Susanne Bruun, Laura Salonen, Miguel-Angel Mayer, Juan Manuel Ramírez-Anguita, Angela Leis, Dina Vojinovic, Akram Sharim Mendez Rangel, Ellen Gerritsen, Gargi Jadhav, Ivan Pristaš, Anamaria Jurčević, Jakov Vuković, Antea Jezidžić, Marko Čavlina, Agustina Giuliodori Picco, Irene López-Sánchez, Elena Roel Herranz, Laura Granés, Ágota Mészáros, Bagyura Zsolt István, Tibor Héja, Loretta Kiss, Katia Verhamme

Real-world initiation and persistence of roflumilast and azithromycin in chronic obstructive pulmonary disease **PA5842**
Marina Labor (Linköping, Sweden), Yiyi Xu, Huiqi Li, Brian K. Kirui, Fredrik Nyberg, Lowie EGW Vanfleteren

Role of Oscillometry and Therapeutic response to Fluticasone/Vilanterol in pre COPD: A randomized, double blind, placebo controlled trial **PA5843**
Milind Sovani (Nottingham (Nottinghamshire), United Kingdom), Raja Dhar, Rajesh Swarnakar, Tarang Kulkarni, Devasahayam J Christopher, Sapna Madas, Charu Singh, Sheetu Singh, Anant Mohan, Saibal Moitra, Pavaiz Kaul, Rakesh Chawla, Shyam Narian Gupta, Lennart Lundblad, Apoorva Singh, Vandana Das, Khushboo Pilania, Akankasha Nayak, Abhishek Sabale, Rashmi Kadam, Sundeep Salvi

Healthcare resource utilization (HCRU) in COPD during 52 weeks of treatment with budesonide/glycopyrronium/formoterol: results from the CHOROS ORION real-world study in Italy **PA5844**
Micaela Romagnoli (TREVISO, Italy), Riccardo Inchingolo, Ernesto Crisafulli, Michela Bezzi, Davide Piloni, Antonio Gabriele Iuliano, Giuseppe Fiorentino, Alberto Ricci, Angelo Petroianni, Pietro Schino, Rosario Lamberto Oliveri, Riccardo Sarzani, Annamaria Romano, Francesco Bini, Federico Lavorini, Pavilio Piccioni, Maria Rita Marchi, Federica Cisotta, Giulia Scioscia, Mario Salio, Girolamo Pelaia, Fausto De Michele, Roberto Malorgio, Piergiuseppe De Rosa, Elisa Savino

Comparative effectiveness of pranlukast versus montelukast as add-on therapy to inhaled corticosteroid/long-acting β_2-agonist (ICS/LABA) on asthma exacerbations: a real-world retrospective cohort study **PA5845**
Ji-Yong Moon (Seoul, Republic of Korea), Yong Bum Park, Yong Il Hwang, Kwang Ha Yoo, Deog Kyeom Kim

Mechanistic insights into chronotherapy in asthma. **PA5846**
Fariha Khanom (Manchester, United Kingdom), Vishvangi Deugi, Robert Maidstone, Ran Wang, John Blaikley, Amlan Chakraborty, Hannah Durrington

Bridging care and research: outcomes from a hospital-based asthma optimisation clinic **PA5847**
Maria Puthoor (LIVERPOOL, United Kingdom), Rachel Burton, Remmy Maddocks, Fred Fyles, Amy Nuttall, Arun Vamadevan, Rebecca Lyon, Hassan Burhan

Use of asthma medications in pregnancy: a drug utilisation study in the Netherlands **PA5848**
Katia Mc Verhamme (Rotterdam, Netherlands), Donya Moslemzadeh, Katrien Oude Rengerink, Peter Mol, Katia Verhamme

PS-15 Session 514 12:30 - 14:00

Poster session: Innovations in cough research and monitoring

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases

Method(s) : General respiratory patient care Physiology Pulmonary function testing Pulmonary rehabilitation Imaging Public health Cell and molecular biology

Tag(s) : Clinical, Translational , Digital health

Chairs : Fleur L. Meulmeester (Leiden, Netherlands), Martina Zappa (Tradate, Italy), Stuart Mazzone (Parkville, Australia)

Late Breaking Abstract - Investigation of cough suppression therapy for refractory chronic cough delivered individually vs group telehealth **PA5849**
Laurie Slovarp (Missoula, United States), Jane Salois, Kinsey Roberts, Kassidi Heinle

Cough intensity: validity of EMG and audio-derived measures using a wearable cough monitor **PA5850**
Pedro Silva (Setubal, Portugal), Miguel Lopes, Pedro Madeira, Christophe Giot, Diogo Tecelão

Structural Brain Remodeling and Longitudinal Grey Matter Changes in Adults with Chronic Cough: Evidence from A Large-Scale Longitudinal Population-Based Study **PA5851**
Shuojia Xie (Guangzhou, China), Mingyu Zhong, Shuxin Zhong, Yilin Xu, Qingyang Zhang, Ruchong Chen

Dorsal Motor Nucleus of the Vagus ChAT$^+$ Neurons Mediate Central Hypersensitivity in Cough: Role and Mechanism **PA5852**
Feng Wei (Guangzhou, China), Wenhui Wang, Haopeng Zhi, Shiying Liu, Mingyu Zhong, Chen Zhan, Mingzhe Liu, Ruchong Chen

ATP Cough Challenge as a Novel Diagnostic Tool to Assess Cough Hypersensitivity Syndrome **PA5853**
Ahmed Mohammedalhadi (Hamilton, Canada), Elena Kum, Wafa Hassan, Ryan Singer, Catie Stevens, Karen Howie, Sue Beaudin, Paul O'Byrne, Imran Satia

Clinical and Objective Cough Patterns in CANVAS Syndrome: A Neurogenic Prototype for Chronic Cough Astrid Crespo Lessmann (Barcelona, Spain), Daniel Bustamante, Eduardo Vélez-Segovia, Víctor Najas-Sales, Esther Palones	**PA5854**
Imaging biomarkers of cough hypersensitivity in obstructive lung diseases: A quantitative upper-airway CT study So Ri Kim (Jeonju, Republic of Korea), Asma Abdolijomoor, Jiwoong Choi, Kum Ju Chae	**PA5855**
Unobstrusive continuous recording of cough in refractory/unexplained chronic cough: daily variability and relationship to patient-reported outcomes Kian Fan Chung (London, United Kingdom), Lorcan McGarvey, Rosemarie Bolla, Freda Yang, Paul Masson, Joe Brew, Matthew Rudd, Mindaugas Galvosas, Peter Small	**PA5856**
Physical activity in adults with refractory chronic cough James C. Brown (Leeds, United Kingdom), Peter S. P. Cho, James H. Hull, Ian J. Clifton, Daniel Peckham, Karen M. Birch, Surinder S. Birring, Alyn H. Morice, Oliver J. Price	**PA5857**
A Systematic Review on Wearable Sensors and Machine Learning for Cough Monitoring Wen Su (London, United Kingdom), Andrada Moldovan, Andreea Vescan, Crina Grosan, Arietta Spinou	**PA5859**
Differences between cough variant asthma and Classic Bronchial Asthma in terms of FeNO airway inflammation Yuanpeng Li (Xiamen, China), Tian-lin Li, Meng-Jer Hsieh	**PA5860**
Cough frequency, reflex sensitivity and impact in progressive pulmonary fibrosis Barnaby Hirons (london, United Kingdom), Katherine L Rhatigan, Ewan C Mackay, Caroline J Jolley, Richard D Turner, Hasti Robbie, Laura Marsland, Lucia Chen, Alexandra Lawrence, Katherine J Myall, Surinder S Birring, Peter S P Cho	**PA5861**
Small Airway Dysfunction in Chronic Cough: Prevalence and Diagnostic Approaches Kateryna Gashynova (Freiburg im Breisgau, Germany), Hannah Sofie Rohr, Andreas Hoheisel, Mousumi Sanyal, Saskia Kiefer, Sebastian Fähndrich, Björn Frye, Daiana Stolz	**PA5862**
A granular analysis of cough counting Alyn Morice (Cottingham, United Kingdom), Syed Kazmi	**PA5863**
Significant cough severity in patients with low objective cough frequency Katie Rhatigan (London, United Kingdom), Katie Rhatigan, Abby Fayen, Ewan C Mackay, Claire Wood, Robert Crickett, Richard D Turner, Caroline J Jolley, Katherine J Myall, James H Hull, Surinder S Birring, Peter S P Cho	**PA5864**
Validation of a new automated and privacy-preserving cough monitor Pedro Carreiro Martins (Lisboa, Portugal), Paula Leiria Pinto, Raquel Lopes de Bragança, Ana Sofia Grave, José Boléo-Tomé, David Araújo, Pedro Gonçalo Ferreira, Daniela Rodrigues, João Carlos Winck, Nuno Manuel Barreiros Neuparth	**PA5865**
Predictors of abnormalities in chest CT in adults with chronic cough.Based on data from ERS NEuroCOUGH CRC Registry. Marta Dąbrowska (Warszawa, Poland), Lissa Gossage, Magdalena Grabczak, Katarzyna Białek-Gosk, Lorcan McGarvey, Alyn H Morice, Sean Parker, Peter Cho, Surinder S Birring, James H Hull, Jacklyn A Smith, Laurent Guilleminault, Peter Kardos, Jan WK Van Den Berg, Chritian Domingo, Lieven Dupont	**PA5866**
A novel approach to assess the relationship between cough and speech in patients with chronic cough Tom deLaubenfels (Marietta, United States), Callum Gouveia Da Silva, Adrian Marinovich, Jason Kroh, Richard Powers	**PA5867**
Quantification of cough motion intensity demonstrates variations in chest excursions during bouts in pulmonary fibrosis, chronic cough and subacute cough Tom deLaubenfels (Marietta, United States), Callie Robinson, Adrian Marinovich, Jason Kroh, Richard Powers	**PA5868**

PS-16 Session 515 12:30 - 14:00

Poster session: Rethinking lung function

Disease(s) : Airway diseases

Method(s) : Epidemiology Pulmonary function testing Physiology Imaging Cell and molecular biology Respiratory intensive care

Tag(s) : Translational

Chairs : Dina Visca (Tradate, Italy), James Dean (Manchester, United Kingdom), Paolo Palange (Rome, Italy)

Late Breaking Abstract - Reading screening spirometry as a trajectory predicts incident airflow obstruction earlier: a landmark deep-learning analysis of 221,903 adults Kyung Hyun Lee (Seoul, Republic of Korea), Dayoon Lee, Jin-Young Lee, Byung-Jae Lee	**PA5869**
Longitudinal spirometric trajectories in CanCOLD: distinguishing asthma-COPD overlap outcomes from asthma and COPD Zhong-Zhi Cheng (Laval, Canada), Abdulkareem Baqer, Sophie Collins, Benjamin Smith, Nermin Diab	**PA5870**
Lung function changes after sputum induction in patients with COPD. Are there characteristics associated with significant lung function decline? Andrea Ortega Picon (Pamplona, Spain), Franciso Javier Campano Lancharro, Maria Urquiola Torres, Tamara Gutiérrez Urra, Ignacio Martínez Adán, Sara Hermoso de Mendoza Arístegui, Begoña Euba Rementería, Juncal Garmendia García, Pablo Sánchez Salcedo	**PA5871**
Reclassification of airflow obstruction severity using race-specific versus race-neutral GLI equations and its correlation with clinical outcomes of COPD in a high-altitude setting Javier Hernando Usme Monje (BOGOTA, Colombia), Carlos Eduardo Aguirre Franco, Nadia Juliana Proaños Jurado, Leidy Paola Prada Romero, Alejandro Casas Herrera, Miguel Angel Martínez Ardila, Mauricio Gonzalez Garcia	**PA5872**
Clinical and functional implications of the alveolar volume to total lung capacity ratio (VA/TLC) in patients with COPD Francesco Apolito (Naples, Italy), Roberta Cianci, Michelangelo Carucci, Susan FM Campbell, Giuseppe Luciano, Giuseppe Picardi, Umberto Masi, Andrea Bianco, Raffaella Pagliaro	**PA5873**
Inverse association between PRM-defined small airway disease and FEF25–75% in COPD Eunji Jeong (Seoul, Republic of Korea), Jin Lee, Hye Yun Park	**PA5874**
Reliability and concurrent validity of a smart spirometry system in Korea and Vietnam Seong-Dae Woo (Daejeon, Republic of Korea), Jun-Young Song, Nguyen-Nhu Vinh	**PA5875**
FEV1–FEF25–75 reclassification grid in COPD: A clinically readable add-on to reveal hidden heterogeneity within GOLD grades Bhaumik Kamdar (Mumbai, India), Girija Nair, Lavina Mirchandani, Shahid Patel, Nikhil Sarangdhar	**PA5876**
Assessment of small airways in patients undergoing lung resection: sex differences. Preliminary analysis of the VapEPOC study Cristina Pou (Vigo, Spain), Cristina Represas Represas, Ana Lourdes González Piñeiro, Andrea Durán Cameselle, Amara Tilve Gómez, Paula Rodríguez Fernández, Eva María García Fontán, Montserrat Blanco Ramos, Marta Núñez Fernández, Almudena González Montaos, Laura Villar Aguilar, Ana Casal Mouriño, Ana Priegue Carrera, Liza Almeida Carrete, Samuel Garcia Pérez, Beatriz Malvar Fernández, José Alberto Fernández Villar	**PA5877**
Prognostic Impact of COPD and PRISm on All-Cause Mortality: 10-Year Outcomes From a Population-Based Cohort in China Dongni Hou (Shanghai, China), Jianxin Wang, Cuicui Chen, Dong Yang, Yuanlin Song	**PA5878**
Identification of Small Airway Dysfunction in Severe COPD: Findings from a Real-World Study Nikolaos Lazarinis (Stockholm, Sweden), Amalia Panagiotou, Patricia Ramos Ramirez, Anna Ehlin, Anna Ridderby, Nikolaos Pournaras, Apostolos Bossios, Anders Lindén	**PA5879**
Post-bronchodilator reference values affect mortality risk assessment in COPD: Results from COSYCONET Svea E. S. Espey (Künzell, Germany), Max Kutzinski, Roman Martin, Felix Bornhausen, Peter Alter, Claus F. Vogelmeier, Gernot Rohde, Mareike Lehmann, Dominik Heider, Rudolf Jörres, Bernd Schmeck, Hendrik Pott	**PA5880**
Real-world longitudinal changes in airflow limitation during AI-supported asthma follow-up Ye Shen (Hong Kong, Hong Kong), Min Zhang, Wuping Bao, Yuqing Li, Bolin Feng	**PA5881**
Real-World Asthma: AI Management and Digital Follow-Up Improve Lung Function Yuqing Li (Shanghai, China), Min Zhang, Wuping Bao, Ye Shen	**PA5882**
Comparison of Spirometric and Oscillometric Characteristics of Small Airways Dysfunction in the General Population Hazim Abozid (Vienna, Austria), Ahmad Karimi, Marie-Kathrin Breyer, David Kaminsky, Charles G. Irvin, Emiel FM Wouters, Robab Breyer-Kohansal	**PA5883**

Acoustic Changes Observed During Methacholine Challenge Testing Using a Wearable Tracheal Sensor: A Pilot Feasibility Study — **PA5884**
Andrea Sánchez Alonso (Sevilla, Spain), Mª Auxiliadora Romero Falcon, Esther Rodriguez-Villegas, Paula Gormley Flores, Renard Xaviero Adhi Pramono, María Luisa Polonio González, Belén Muñoz Sánchez, Antonio León Lloreda, David Carlos Echevarría Kashmiri, Juan Francisco Medina Gallardo, Marta Ferrer Galván, Francisco Javier Álvarez Gutiérrez

FEF50/0.5FVC ratio and dyspnea in symptomatic smokers with normal spirometry — **PA5885**
Khouloud Kchaou (Ariana, Tunisia), Moez Cheikh, Soumaya Khaldi, Chaima Briki, Yacine Ouahchi

Diagnostic Performance of Oscillometry-Derived Ratios in Chronic Obstructive Pulmonary Disease — **PA5886**
Titilope Olanipekun (Boston, United States), Wei Wang, Sofia Mettler, Ruchita Borgaonkar, Jose Martinez-Manzano, Michael Cho, Raul San José Estépar, Nirmal Sharma, George Washko, Alejandro Diaz

Can Oscillometry Provide Any Insight on Discordant Airflow Obstruction Defined by LLN or Fixed Ratio? — **PA5887**
Chiara Veneroni (Milano (MI), Italy), Emiel F.M. Wouters, Tobias Mraz, Charles G. Irvin, Pasquale P Pompilio, Marie-Kathrin Breyer, David Kaminsky *, Robab Breyer-Kohansal *

Bronchodilator-induced transitions in spirometric phenotypes in children and adults with asthma — **PA5888**
Maria Ödling (Stockholm, Sweden), Niklas Andersson, Lowie Vanfleteren, Helena Backman, Caroline Stridsman, Jon Konradsen

PS-17 Session 516 12:30 - 14:00

Poster session: Inside asthma and COPD: mechanisms that matter

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Imaging Pulmonary function testing Epidemiology Physiology

Tag(s) : Clinical

Chairs : Peer Ameen Shah (Leicester, United Kingdom), Mare Sabbe (liege, Belgium), Maria Pino-Yanes (San Cristóbal de La Laguna, Spain)

Late Breaking Abstract - Spatial Transcriptomics Defines Compartment-Specific Cytotoxic T-Cell and Structural Cell Crosstalk in Advanced COPD — **PA5889**
Leigh Marsh (Graz, Austria), Ayu Hutami Syarif, Bernhard F. E. Reiter, Alexander Avian, Katrin Milger, Elena Ellmeier, Gerald Höfler, Clemens Aigner, Alberto Benazzo, Sophia Auner, Slaven Crnkovic, Stefano Angiari, Francesca Polverino, Grazyna Kwapiszewska

Control of Early- and Late-Onset Asthma Depending on the Arg16Gly Polymorphism of the β2 -Adrenergic Receptor Gene — **PA5890**
Vladyslava Kachkovska (Sumy, Ukraine), Anna Kovchun, Anna Fomenko, Liudmyla Prystupa

Clinical and radiological characterization of hypersecretory Asthma and diagnostic performance of sputum and T-SEC — **PA5891**
Eduardo Velez-Segovia (Barcelona, Spain), Javier Sáez Elizagaray, Ana M. Giménez Palleiro, Daniel Bustamante, Isaac Guzman, Esther Palones Femenia, Ebymar Arismendi Nuñez, Celia Pinedo Sierra, Silvia Sanchez Cuellar, Mariana Muñoz Esquerre, Beatriz Arias Arcos, Carolina Cisneros Serrano, Nuria Marina Malanda, Alejandra Marín, Vicente Plaza Moral, Astrid Crespo Lessmann

Response Dose Ratio (RDR): A Phenotype-Specific Biomarker for Airway Remodeling in Asthma — **PA5892**
Yanmei Lin (Shanghai, China), Min Zhang, Jifei Wu, Wuping Bao, Lei Zhao, Yiting Wu, Wenwen Chen

Methacholine dose–response curves and type 2 markers across asthma phenotypes — **PA5893**
Wuping Bao (Shanghai, China), Wenwen Chen, Yiting Wu, Min Zhang

Sarcopenia in asthma: an extrapulmonary treatable trait? — **PA5894**
Reem Alajmi (Leeds, United Kingdom), Benjamin Griffiths, Daniel Peckham, Ian J. Clifton, T. Scott Bowen, Oliver J. Price

The role of induced sputum to investigate inflammation in patients with Severe Asthma (SA) undergoing biological therapy with dupilumab — **PA5895**
Elisa Bentivegna (Firenze, Italy), Greta Insalata, Chiara Allegrini, Martina Zappa, Dina Visca, Federico Lavorini, Gianna Camiciottoli

Cytokine and Metabolomic Signatures of Mepolizumab Response Across Upper and Lower Airway Compartments in Severe Eosinophilic Asthma: An Exploratory Analysis — **PA5896**
Claudio Candia (Telese Terme, Italy), Pasquale Ambrosino, Silvestro Ennio D'Anna, Isabella Gnemmi, Antonino Di Stefano, Martina Zappa, Dina Visca, Nicolino Ambrosino, Andrea Motta, Mauro Maniscalco

Diagnostic accuracy of blood eosinophils and FeNO for airway eosinophilia in biologic and non-biologic treated asthma Bethan Wright (London, United Kingdom), Irene Berrar Torre, Ana-Maria Bucataru, Ian Adcock, Kian Fan Chung, Justin Garner, Christopher H Orton, James Tonkin, Pujan H Patel, Freda Yang	**PA5897**
Characterisation of longitudinal eosinophil trajectories and individual-level pollen–eosinophil associations in mild asthma Chun Chang (Beijing, China), Xinzhuo Xie, Rui Zuo, Xiaohan Xu	**PA5898**
Asthma Clinical Phenotypes do not fit with the underlying sputum inflammatory pattern Laura Dorighelli (Rovereto, Italy), Sara Roetti, Elisa Semeraro, Italo Giuseppe Motolese, Francesca Bertolini, Vitina Carriero, Elisa Arrigo, Stefano Levra, Giuseppe Guida, Fabio Luigi Massimo Ricciardolo	**PA5899**
Obesity phenotype of severe asthma: A multivariable analysis of associations between body mass index and patient characteristics in the SHARP Registry Milica Terzic (Belgrade, Republic of Serbia), Aruna T Bansal, Rikki Müller, Andrej Zecevic, Erminia Ridolo, Liam Heaney, Florin Mihaltan, Emmanuelle Berret, Gwen Skloot, Shane Hanon, Gordana Pavlisa, Vratislav Sedlak, Celeste Porsbjerg, Svetlana Sergejeva, Arnaud Bourdin, Konstantinos Samitas, Zsuzsanna Csoma, Gorgio Walter Canonica, Iveta Kroica, Kristina Bieksiene, Anneke ten Brinke, Jacob Sont, Piotr Kuna, Claudia Chavez Loureiro, Sanja Hromis, Sabina Skrgat, David Ramos-Barbon, Valentyna Yasinska, Jörg Leuppi, Bilun Gemicioglu, Douglas Cowan, Rekha Chaudhuri, Alicia Gayle	**PA5900**
The Fractional exhaled Nitric Oxide (FeNO)- test as add-on test in the diagnostic work-up of asthma Tuba Kaya (Rotterdam, Netherlands), Timothy C. Chin-See-Chong, Ilonka H. van Veen, Marlise P. de Roos, Joachim G. Aerts, Gert-Jan Braunstahl, Johanna P.M. van der Valk	**PA5901**
Artificial Intelligence (AI) in phenotyping/genotyping COPD patients: current status and future prospectives. Sirja Koutonen (Veikkola, Finland), Katerina Antoniou, Nikolaos M. Siafakas	**PA5902**
Sputum microbiome profiling in stable and recurrent exacerbation COPD: a cross-sectional study Desdiani Desdiani (Bogor, Indonesia), Fadilah Fadilah, Sarmoko Sarmoko	**PA5903**
Performance of pulmonary artery to aorta ratio (PA:A) as a biomarker of acute exacerbations of COPD (AECOPD) using 'real-world' CT scans Zlatitsa Todorova* (Montreal, Canada), Han Halyssa Ho*, Luis H. Gonzalez Torres, Tina Aghdam, Ronald J. Dandurand	**PA5904**
Prevalence of infection-related COPD and airway microbial detection in patients with post-tuberculosis lung disease: a prospective cohort study Anna Salina (Riga, Latvia), Liga Kuksa, Liga Kuksa, Linda Mundeciema, Linda Mundeciema, Huberts Zimackis, Nityanand Jain, Anda Viksna, Anda Viksna, Agita Melbarde Kelmere, Agita Melbarde Kelmere, Elina Valtere Avotina, Elina Valtere Avotina, Iveta Ozere, Iveta Ozere, Daiana Stolz, Daiana Stolz	**PA5905**
Exercise capacity as assessed by accelerometry in COPD with increasing airflow obstruction Hanna Schraermeyer (Freiburg, Germany), Andreas Hoheisel, Fabian Schwendinger, Arno Schmidt-Trucksäss, Eleni Papakonstantinou, Anna Salina, Maria Pascarella, Sebastian Fähndrich, Leticia Grize, Daiana Stolz	**PA5906**
Static Lung Hyperinflation in the Absence of Airflow Obstruction: A Distinct Functional Phenotype Hela Cherif (Tunis, Tunisia), Sirine Daoued, Salma Mokaddem, Soumaya Debiche, Ferdaous Yangui, Mohamed Ridha Charfi	**PA5907**
Revisiting the Role of Bronchodilator Response in COPD Diagnosis According to GOLD Criteria Nataliia Sanina (Dnipro, Ukraine), Tamara Turlyun, Maryna Yemets'	**PA5908**

PS-18 Session 517 12:30 - 14:00

Poster session: Obesity, metabolism and treatable traits in asthma

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Epidemiology Palliative care Public health Cell and molecular biology Endoscopy and interventional pulmonology Imaging Pulmonary function testing Physiology

Tag(s) : Translational , Digital health

Chairs : Francesco Ardesi (Varese, Italy), Juan José Nieto-Fontarigo (Santiago De Compostela, Spain), Celeste Michala Porsbjerg (Copenhagen, Denmark)

Late Breaking Abstract - Bariatric surgery is associated with nasal microbiome remodeling in non -allergic obese asthmatics: a proof-of-concept study Niki Ubags (Epalinges, Switzerland), Kirby Frank, Carolyn Morris, Julie Pernot, Luca Stickley, Matthew Poynter, Anne Dixon	**PA5909**
Platelet-lymphocyte ratio changes among patients with obesity and severe asthma after initiating GLP-1 receptor agonist therapy Maria Plataki (Morristown, United States), Xingran Weng, Lichen Hao, Carrie Heller, Luoman Chen, Megan Hardin, Benjamin T Suratt, Maria Wiekowski	**PA5910**
Effect of Lactobacillus paracasei GMNL-133 and Lactobacillus fermentum GM-090 supplementation on airway inflammation and symptoms in adults with Type 2 asthma: a 3-month prospective pilot study Soumyadeep Ghosh (Burdwan, India), Subhadip Pal	**PA5911**
Hyperosmolar xylitol nasal irrigation reduces intranasal corticosteroid exposure in moderate allergic rhinitis: a randomized controlled study Artemii Bogomolov (Vinnytsia, Ukraine), Sergii Zaikov, Mykola Gumenyuk	**PA5912**
KT-621, an oral STAT6 degrader, in patients with moderate to severe atopic dermatitis and comorbid asthma or allergic rhinitis: safety and evidence of clinical activity across type 2 inflammatory diseases in a phase 1b trial Michael Feldman (Watertown, United States), Jared Gollob, Heather Paleczny, Joyoti Dey, Kelvin Shi, Sagar Agarwal, Neil Graham, Nello Mainolfi	**PA5913**
Not all wheeze is asthma: Airway-dominant relapsing polychondritis as a diagnostic blind spot Xinshu Ni (Yinchuan, China), Yanyu Tao, Shuni Wang, Fang Ma, Juan Chen, Yanan Zhang	**PA5914**
Asthma control, obesity and sleep quality in working adults : a cross-sectional analysis Rania Debbiche (tunis, Tunisia), Nidhal Balloumi, Chaïma Habouria, Marwa Bougacha, Yasmine Bellaj, Azza Berkaoui, Imen Bachouch, Fatma Chermiti, Soraya Fenniche	**PA5915**
Implications of the European Association for the Study of Obesity New Framework in Patients with Asthma: Prevalence and Association with Future Asthma Exacerbations Siyang Gao (Chengdu, China), Yun Yun Yang, Gang Wang, Ke Deng, Chang Yong Wang, Ji Wang, Si Yang Gao	**PA5916**
Heterogeneity of Obese Asthma: A Hierarchical Cluster Analysis from the Australasian Severe Asthma Network Yun Yun Yang (Chengdu, China), Ke Deng, Chang Yong Wang, Ji Wang, Si Yang Gao, Gang Wang	**PA5917**
Impact of co-morbid cardiovascular disease on asthma outcome: findings from two prospective cohorts Wen Wen Wu (Chengdu, China), Ji Wang, Gang Wang	**PA5918**
Lymphocyte to high-density lipoprotein cholesterol ratio as a predictive marker of mortality in asthmatic populations Jun Wen (Chongqing, China)	**PA5919**
Expanding Exhale-Dx™: A Nanosensor-AI Framework for Early Detection of Respiratory Anomalies Hanya Ahmed (London, United Kingdom), Jona Flavier, Alia AlShaddad, Victor Higgs	**PA5920**
Asthma and IgE-selective immunodeficiency Alberto García (Barcelona, Spain), Silvia Sánchez-Cuéllar, Mariana Muñoz-Esquerre, Celia Pinedo, Carmen Acosta, Zully Vásquez, Rocío Díaz, Concepción Cañete, Astrid Crespo-Lessmann, Auxiliadora Romero, Andrea Trisán, Carlos Almonacid, Mariona Pascal, Ebymar Arismendi, César Picado, Antolín López, Carlos Melero	**PA5921**
Metabolic dysregulation observed in systemic and cellular energy metabolism links obesity with severe asthma outcomes Samantha Vinzenz (Newcastle, Australia), Olivia Carroll, Jemma Mayall, Lisa Wood, Hayley Scott, Jinmiao Chen, Benjamin Marsland, Giulia Iacono, Jay Horvat, Alexandra Brown	**PA5922**
Uncovering COPD patient heterogeneity by identifying predictors of IL-33 pathway activity. Milan Tomassen (Groningen, Netherlands), Roy Woldhuis, Martijn Nawijn, Daan Pouwels, Irene Heijink, Karin Klooster, Dirk-Jan Slebos, Alen Faiz, Wim Timens, Maarten van den Berge, Corry-Anke Brandsma	**PA5923**
Glutamine Deficiency Drives Obese Asthma by Triggering Mitochondrial ROS-Mediated Z-mtDNA Conformation Sensing and ZBP1 Activation Shuxian Li (Guangzhou, China)	**PA5924**

Mechanisms of Bronchial Smooth Muscle Cell Regulation by Allergic Bronchopulmonary Aspergillosis-Derived Eosinophil Extracellular Traps — **PA5925**
Pingan Zhang (Jinan, China), Yi Liu, Yanliang Ma, Zhancheng Gao

House Dust Mite Sensitization represents a treatable trait in in Bronchiectasis and COPD — **PA5926**
Pei Yee Tiew (Singapore, Singapore), Jayanth Kumar Narayana, Mau Ern Poh, Tavleen Kaur Jaggi, Mariko Siyue Koh, Ken Cheah Hooi Lee, Ser Hon Puah, Huiying Xu, Teck Boon Low, Augustine Tee, Fook Tim Chew, Sanjay H Chotirmall

Late Breaking Abstract - Eosinophil depletion unmasks distinct cytokine profiles in EGPA and severe eosinophilic asthma — **PA5927**
Paniz Khooshemehri (London, United Kingdom), Jessica Gates, Jaideep Dhariwal, Alexandra M. Nanzer, David J. Jackson

Late Breaking Abstract - DNA methylation signatures of asthma phenotypes in high, middle and low -income countries: a cross-sectional analysis from the WASP study — **PA5928**
David Esteban Rebellon Sanchez (London, United Kingdom), Paul Yousefi, Karin van Veldhoven, Philip J Cooper, Alex Lewin, Charlotte E. Rutter, Steven Robertson, Jeroen Douwes, Collin Brooks, Camila A. Figueiredo, Alvaro Cruz, Mauricio L. Barreto, Harriet Mpairwe, Matthew Suderman, Amy Ibrahim, Susana Campino, Sophie FitzGibbon, Simon Scoltock, Neil Pearce, Lucy Pembrey

PS-19 Session 518 12:30 - 14:00

Poster session: Exacerbations: the data are out there

Disease(s) : Airway diseases

Method(s) : Epidemiology Public health General respiratory patient care

Tag(s) : Clinical, Digital health

Chairs : Olga Mukasia Mashedi (Nairobi, Kenya), Rune Nielsen (Mjølkeråen, Norway), Christine Cramer (Aarhus, Denmark)

Late Breaking Abstract - Epidemiology and characteristics of Canadian adults with COPD who experience exacerbations while on inhaled triple therapy – An observational study of health administrative data — **PA5929**
Mackenzie A Hamilton (Mississauga, Canada), Melissa L Woodward, Andrew R Kennedy, Romina Fakhraei, M. Lauren Voss, Neda Moradin, Karissa M Johnston, Shawn D Aaron, Mohit Bhutani

Air pollution as a risk factor for exacerbations of chronic obstructive pulmonary disease in the AIREPOC cohort. — **PA5930**
Astrid Berena Herrera Lopez (Bogota, Colombia), Carlos Torres-Duque, Alejandro Casas, 4María Patricia Arbeláez, Horacio Riojas-Rodríguez, José Luis Texcalac, Néstor Y. Rojas, Víctor Mauricio Herrera Galindo, Laura Rodríguez-Villamizar

Timing of triple therapy after AECOPD and risk of exacerbations and cardiovascular events: An emulated trial in the Swedish National Airway Register — **PA5931**
Oskar Wallström (Göteborg, Sweden), Brian K. Kirui, Huiqi Li, Caroline Stridsman, Fredrik Nyberg, Lowie E.G.W. Vanfleteren

Profile of chronic obstructive pulmonary disease in brazilian adults and older adults: ELSI-Brazil study — **PA5932**
Leonardo Barbosa de Almeida (Juiz de Fora, Brazil), José Elias Filho, Paula Reis, Anderson José, Carla Malaguti

Real-world evidence: Assessing baseline characteristics and 1-year outcomes in GINA 4 asthma patients with and without exacerbations — **PA5933**
Hippolyte Pernot (Gentilly, France), Jun Ni Du, Andres Rondon, Omar Saeed, Carrie Heller, Renata Martincova, Sarah Chu

Sex-differences in the association between inhaled corticosteroids and exacerbations in people with asthma: an English cohort study — **PA5934**
Hannah Whittaker (London, United Kingdom), Anne Ioannides, Constantinos Kallis, Ian Douglas, Jennifer Quint

Childhood asthma exacerbation phenotypes predict exacerbation risk in adulthood: a 20-year population-based study — **PA5935**
Stina Selberg (Umeå, Sweden), Daniil Lisik, Helena Backman, Caroline Stridsman, Jon R.Konradsen, Anne Lindberg, Eva Rönmark, Linnea Hedman

Evolution of COPD hospitalizations in Spain, 2016–2024: sex-specific trends — **PA5936**
Sofía Ayat Ortiz (madrid, Spain), Myriam Calle Rubio, Juan Luis Rodríguez Hermosa, Gianna Vargas Centanaro, Medardo José Montenegro Villavicencio, Eunice Funenga Fitas, Joaquín Sánchez-Covisa, Ana Roncero Martín, Patricia Contero García

Female excess in COPD exacerbation accumulation independent of baseline disease behaviour: a population-based cohort study **PA5937**
Mathias Therkelsen King (Aalborg, Denmark), Hannah Whittaker, Ulla Møller Weinreich, Jennifer K Quint

Sex-specific risk factor profiles for one-year COPD exacerbations: a population-based cohort study **PA5938**
Mathias Therkelsen King (Aalborg, Denmark), Hannah Whittaker, Ulla Møller Weinreich, Jennifer K Quint

Assessment of Asthma Control and Quality of Life: A Cross-Sectional Study of 5390 Asthmatics across India (TRAQ-Asthma Study) **PA5940**
Jagruti Yenpure (Pune, India), Gayatri Mergu, Deesha Ghorpade, Sapna Madas, Supriya Phadnis, Abhishek Sabale, Shivansh Supekar, Vaishali Naik, Meena Lopez, Jaideep Gogtay, Sundeep Salvi

Pharmacological changes after asthma exacerbations in Dutch primary care **PA5941**
Joana Antão (Aveiro, Portugal), Guilherme Rodrigues, Brenda N. Baak, Alda Marques, Martijn A. Spruit, Frits M. E. Franssen

Inhaled therapy changes after COPD exacerbations in primary care **PA5942**
Guilherme Rodrigues (Aveiro, Portugal), Joana Antão, Brenda N. Baak, Alda Marques, Martijn A. Spruit, Frits M. E. Franssen

Increased risk of the onset and exacerbation of COPD in metabolic syndrome patients: A Two-sample Mendelian Randomization study **PA5943**
Lan Yang (Chengdu, China), JUAN SONG, Weimin Li

Cardiovascular risk following COPD exacerbations in New Zealand: the nationwide EXACOS-CV NZ study **PA5944**
Jeff Harrison (Auckland, New Zealand), William Harrison, Joshua Neale, Kyren Lazarus, Jay Gong, William Good, Robert Young, James Fingleton, Robert Hancox, Holly Wilson, Amy Hai Yan Chan

The Zuyderland Elderly Asthma Score (ZEA): a clinical score to assess the accuracy of asthma exacerbation diagnoses at the emergency department in elderly patients **PA5945**
Martijn D. De Kruif (Heerlen, Netherlands), Kees Derks, Esther Van Harlingen, Rianne Romers

Predicting asthma adverse events in UK adults who do not engage with asthma care **PA5946**
Constantinos Kallis (London, United Kingdom), Amy Trinh, David Lo, Erol Gaillard, Hilary Pinnock, Jenni Quint

Burden of symptoms, health care contacts, revised group E of GOLD2026 and, all-cause mortality in undiagnosed COPD - a population-based case-control study **PA5947**
Ann Lindberg (Boden, Sweden), Linnea Hedman, Caroline Stridsman, Eva Rönmark, Helena Backman

COPD with Type 2 inflammation: A real-world study of prevalence and health consequences **PA5948**
Irvin Mayers (Edmonton (AB), Canada), Suzanne McMullen, Jessica Stewart, Erik Youngson, Zoe Hsu, Carol Chung, Mohit Bhutani

PS-2 Session 519 12:30 - 14:00

Poster session: Novel interventions in pulmonary rehabilitation, chronic care and breathlessness

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology | Respiratory critical care

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Pulmonary function testing | Palliative care | Public health | Physiology | Surgery | Respiratory intensive care

Tag(s) : Clinical

Chairs : Ana Luisa Araújo Oliveira (Aveiro, Portugal), G M Monsur Habib (Khulna, Bangladesh), Hayley Lewthwaite (Merewether, Australia)

Late Breaking Abstract - Pooled analysis of three recent, large, multi-site placebo-controlled RCTs of regular, low-dose sustained morphine for the symptomatic reduction of chronic breathlessness in COPD **PA5949**
David Currow (Sydney (NSW), Australia), Cornelia Verberkt, Magnus Ekström, Daisy Janssen

Comparison of eccentric and concentric cycling training on physical fitness in patients with fibrotic Interstitial Lung Diseases (f-ILDS) **PA5950**
Laura Denis (BONDY, France), Hilario Nunes, Hervyn Massaka, Diane Bouvry, Yurdagul Uzunhan, Raphael Hindre, Simon Chauveau, Olivia Freynet, Fatma Kort, Florence Jeny, Warda Khamis, Morgane Didier, Amélie Rivière, Martin Dutertre, Caroline Diou, Hugues Vicaire, Lucile Sesé, Carole Planès, François Lhuissier, Thomas Gille

Enhancing quality of life in interstitial lung disease: pilot data on pulmonary rehabilitation combined with isocapnic hyperpnea training Giuseppina Pastanella (Adrano, Italy), Andrea Renda, Martina Scala, Aurora Cardullo, Carlo Vancheri, Lucia Spicuzza	**PA5951**
Effectiveness and safety of multicomponent physical training in patients with chronic obstructive pulmonary disease Galyna Korzh (Ivano-Frankivsk, Ukraine), Nadiia Korzh, Mykola Ostrovskyy, Oleksandr Varunkiv, Mariana Kulynych-Miskiv, Uliana Shevchuk-Budz, Olga Molodovets, Olga Melnyk-Sheremeta	**PA5952**
A hybrid care intervention for high-risk patients with COPD or Severe Asthma: bridging the gap between clinical trials and real-world practice Isaac Cano Franco (Barcelona, Spain), Alba Gómez-López, Núria Sánchez-Ruano, Marta Sorribes, Rubèn Gonzalez-Colom, Marina Paredes, Jin-Seok You, Maria José Gordillo, Emili Vela, Gerard Carot-Sans, Alba Jimenez, Xabier Michelena, Ramon Farre, Josep Roca, Alicia Aguado, Jose Fermoso, Néstor Soler, Ebymar Arismendi	**PA5953**
Effectiveness of High Intensity Interval Training in Chronic Obstructive Pulmonary Disease: An Umbrella Review İrem Süzen (Antalya, Türkiye), Hidaye Yamıkan, Aynur Demirel	**PA5954**
Effect of High-Intensity Interval Exercise Training on Autonomic Nervous System Function in Patients with Chronic Obstructive Pulmonary Disease Nikolaos Chynkiamis (Athens, Greece), Angelos Vontetsianos, Christiana Lekka, Spyridon Kanakopoulos, Thomais Karanika, Zafeiris Louvaris, Nikolaos Ch. Athanasiadis, Adriana I. Papaioannou, Petros Bakakos, Georgios Kaltsakas, Nikolaos Koulouris, Constantinos Davos, Ioannis Vogiatzis	**PA5955**
Evaluating digital pulmonary rehabilitation in rural England: Results from the PROPEL myCOPD study Rachel Williams (Liskeard, United Kingdom), Alison Blythin, Angela Quainoo, Amber Bhogal, Ian Mylon, Sage Bannister, Conor Briant, David Evans, Jenni Rutherford, Ben Ainsworth, James Dodd, Tom Wilkinson, Ashna Shah	**PA5956**
Exercise-based breathlessness rehabilitation for individuals without cardiorespiratory disease James Manifield (Leicester, United Kingdom), Saul Lovatt, Anu Otto, Gillian Doe, Nikki Gardiner, Emma Chaplin, Enya Daynes, Sally J Singh, Rachael A Evans	**PA5957**
A systematic review and meta-analysis of group singing-based interventions for adults with lung disease Amy Pascoe (Prahran, Australia), Stefanie Zappino, Anne Holland, Jeanette Tamplin, Lena Ly, Lorena Romero, Natasha Smallwood	**PA5958**
Oscillometric correlates of postural FVC decline in late-onset Pompe disease (LOPD) Rosario Di Marco (Cerda, Italy), Marta Lazzeri, Elena Compalati, Sabrina Planiscig, Lax Agata, Poalo Banfi, Marco Confalonieri, Filippo Brighina, Paolo Alonge, Fabrizio Seidita, Grazia Crescimanno	**PA5959**
Astegolimab reduces sedentary time in patients with COPD: post-hoc analyses from the ALIENTO wearable device–derived physical activity substudy Neil Greening (Leicester, United Kingdom), Grégoire Pointeau, David Nobbs, Thierry Troosters, Henrik Watz, Ioannis Vogiatzis, Divya Mohan, Michael Polkey, Harry B. Rossiter, Thomas Switzer, Yixuan Zou, Katarina Samara, Johannes Ammann	**PA5960**
Electrical Impedance Tomography Utility Spirometry Assessment and Personalized Rehabilitation in Chronic Obstructive Pulmonary Disease Xianwen Sun (Shanghai, China), Zhenzhen Tong	**PA5961**
Strengthening inspiratory and oropharyngeal muscles in moderate obstructive sleep apnea hypopnea syndrome: a study protocol Amandine Zellag (Saint-Etienne, France), Mathieu Berger, Monique Mendelson, Arnauld Garcin, Sébastien Baillieul, Frederic Roche, Pierre Labeix	**PA5962**
Evaluation of the Acute Effect of Respiratory Muscle Training with Visual Feedback in Patients Undergoing Lobectomy Funda Alma (Ankara, Türkiye), Melda Sağlam, Naciye Vardar Yağlı, Yiğit Yılmaz, Serkan Uysal, Ulaş Kumbasar, Erkan Dikmen, Ebru Çalık	**PA5963**
Efficacy and Safety of Multi-Parameter Respiratory Training Device in Pulmonary Rehabilitation for AECOPD: A Randomized Controlled Trial. yinan xing (Henan Province, China, China), Guanhua Hou, Wei Li, Zishuo Wang, Limin Zhao	**PA5964**

Diaphragmatic Breathing Training in COPD: A Prospective Evaluation of Functional and Clinical Outcomes — PA5965
Rim Kammoun (Sfax, Tunisia), Molk Maalej, Asma Haddar, Walid Feki, Kaouthar Masmoudi

Low- and high-intensity inspiratory muscle training show hemodynamic safety: preliminary findings from the HEMODYRET study — PA5966
Flavia Mazzoli-Rocha (Cologne, Germany), Clara Pinto Diniz, Lena Riemer, Carmen Vikoler, Rebekka Milewski, Christina Niederegger, Hans-Georg Predel, Birna Bjarnason-Wehrens, Thomas Schmidt

Effectiveness of Three Manual Cough Assistance Techniques on Peak Cough Flow in Spinal Muscular Atrophy Type II — PA5967
Gregory Villarroel Silva (Santiago, Chile), Macarena Faúndez-Silva, Patricio Gonzalez, Catalina Acevedo, Camilo Paez Gutierrez, Romina Gonzalez, Yamileth Robles, Roberto Vera-Uribe

Does PEP/RMT mask decrease chest hyperinflation in a pulmonary rehabilitation program? — PA5968
Janos Tamas Varga (Budapest, Hungary), Julia Magyar, Abel Megyaszai, Riad Bejta, Virag Bandi, Peter Borka

PS-20 Session 520 12:30 - 14:00

Poster session: COPD, bronchiectasis and more

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Public health

Tag(s) : Clinical, Translational

Chairs : Nurdan Köktürk (Çankaya, Türkiye), Chantal Raherison-Semjen (Pointe-à-Pitre (Guadeloupe), France), Chair to be confirmed

Late Breaking Abstract - Blood eosinophil count and risk of hospitalisation for COPD exacerbation: a population-based cohort study challenging threshold-guided ICS therapy. — PA5969
Sigrid Anna Aalberg Vikjord (Trondheim, Norway), Yunus Çolak, Shoaib Afzal, James Peter Allinson, Helena Backmann, Øystein Rasch-Halvorsen, Årstein Ims, Lowie Vanfleteren

Chronic Dyspnoea Profiling: A Cluster Analysis in the population-based CONSTANCES Cohort — PA5970
Solene Valery (Paris, France), Nicolas Roche, Marcel Goldberg, Céline Ribet, Marie Zins, Bénédicte Leyneart, Mohamed Nadif, Laurent Orsi, Thierry Perez, Rachel Nadif

Z-scores for R5, R5-R19, Fres, AX (95th percentile) and X5 (5th percentile) used in Oscillometry interpretation significantly underdiagnose obstructive airways diseases (OADs) in adults — PA5971
Sundeep Santosh Salvi (Pune (Maharashtra), India), Sapna Madas, Sujata Chauthmal, Ruby Swami, Samruddhi Bhalare, Sharika Karanjkar, Nikita Nawale, Sanskriti Kale, Asmita Gaikwad, Amit Karad, Shreehas Bardapurkar, Suhas Bardapurkar, Ashish Kumar Prakash, Harshvardhan Vhora, Anshum Aneja Arora, Sonam Solanki, Arti Shah, Raja Dhar, Shivansh Supekar, Abhishek Sable, Deesha Ghorpade

Exploring self-reporting of asthma, COPD, bronchiectasis and lung fibrosis in Our Future Health — PA5972
Leah Deshler (London, United Kingdom), Hannah Whittaker, Anne Ioannides, Jennifer Quint

Risk factors, characteristics and progression of Pre-COPD. — PA5973
Dinh Bui (Melbourne (VIC), Australia), Shyamali Dharmage

Trajectories of comorbidity development in patients with chronic obstructive pulmonary disease during the final decade of life — PA5974
Sebastian Buchardt (Højbjerg, Denmark), Peter Jacobsen, Ulla Weinreich

Systemic inflammatory biomarker profiles in never-smokers with chronic airflow obstruction — PA5975
Abdullah Kbiri (Helsingborg, Sweden), Helena Backman, Anne Lindberg, Anders Blomberg, Jonas Eriksson Ström

Small Airway Dysfunction as an Independent Predictor of Incident COPD: A Community-Based Prospective Cohort Study — PA5976
Yuepeng Li (Chengdu, China), Rui Zhang, Yi Lei, Weimin Li

Characterization of Rare Variants of Alpha-1 Antitrypsin Deficiency in the province of Santa Cruz de Tenerife — PA5977
Laura Ferreiros De La Campa (La Laguna, Spain), José María Hernández Pérez, Agustín Medina Gonzálvez, Miguel Ángel Alberca Batista, María Rodríguez Betancor, Francisco Martínez Burgallo, Miguel Ángel García Bello

Prevalence of alpha-1 antitrypsin deficiency in Valtellina: a retrospective observational study. — PA5978
Giulia Gri (Sondalo, Italy), Paolo Pozzi, Sara Benevento, Mosè Barbaro, Elisabetta Vitali

MEAN AGE OF DEATH FROM COPD AND IDIOPATHIC PULMONARY FIBROSIS IN CHILE BETWEEN 1997 AND 2022 **PA5979**
Laura Mendoza (Santiago, Chile), Gabriel Cavada, Olivia Horna, Vivianne Agar

Associations between CAT scales and comorbidities of anxiety and depression in spirometry-defined COPD patients: findings from the China Pulmonary Health Study **PA5980**
Jieping Lei (Beijing, China), Sinan Wu, Jian Kang, Xiangyan Zhang, Lan Yang, Fuqiang Wen, Yuanlin Song, Jianping Zhao, Jianying Xu, Wen Li, Pixin Ran, Kewu Huang, Yahong Chen, Yanfei Guo, Guangliang Shan, Ting Yang, Chen Wang

A Temporal Analysis of COPD-Related Mortality and Disease Burden in China, 2008-2021 **PA5981**
Ke Liao (Chongqing, China), Changlin Tang, Shengxin Fan, Yuezhou Zhang, Zhenyu Li, Hong Chen

Identifying early pulmonary risk: PRISm prevalence and associated factors in a national sample **PA5982**
Zeina Akiki (Byblos, Lebanon), Heba Mohsen, Pascale Salameh, Dany Gaspard

Screening for chronic obstructive pulmonary disease using spirometry in the general population: a cross-sectional study **PA5983**
Sofiane Ali Halassa (El-Madina Alager, Algeria), Amel Randja, Hichem Madi, Meriem Oueldkouider

Comorbidity Network Characteristics and Clustering Patterns in Hospitalized COPD Patients: A Retrospective Cohort Study **PA5984**
Xiumei Tang (Chengdu, China), Weimin Li

Emerging insights into bronchiectasis amongst adult Indigenous People **PA5985**
Timothy Howarth (Darwin, Australia), Subash Heraganahally, Lucy Burr

Accurately identifying iatrogenic pneumothorax using ICD-10 Coding: A seven-year retrospective analysis **PA5986**
Ali Ibnian (Oxford, United Kingdom), Beenish Iqbal, Rob Hallifax

Dietary pattern, lung function and incident COPD over 11 years in the HUNT Study **PA5988**
Maria Minter (Gothenburg, Sweden), Lowie E G W Vanfleteren, Sigrid A Aalberg Vikjord, Arnulf Langhammer, Jenny van Odijk

PS-21 Session 521 12:30 - 14:00

Poster session: Occupational and environmental exposures and respiratory health

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Pulmonary function testing Epidemiology Public health Imaging Physiology General respiratory patient care

Tag(s) : Global reach

Chairs : Nicola Murgia (Ferrara, Italy), Metin Akgün (Erzurum, Türkiye), Lidwien A.M. Smit (Utrecht, Netherlands)

Late Breaking Abstract - Clinical and prognostic value of a high-resolution computed tomography scoring system in pneumoconiosis: a longitudinal cohort study **PA5989**
Limin Huang (Shanghai, China), Ling Mao

Household fungal exposure across clinical phenotypes of pulmonary aspergillosis **PA5990**
Shiang-Fen Huang (Taipei, Taiwan), Wen-Kuang Yu, Yu-Chi Huang, Kun-Ta Chou

Exposure to indoor biomass combustion in dwellings and lung function in Italian children **PA5991**
Giuseppe Sarno (Pisa, Italy), Sandra Baldacci, Sara Maio, Anna Angino, Ilaria Stanisci, Sofia Tagliaferro, Patrizia Silvi, Elisa Iacopini, Giustino Carlino, Alessandra Pandolfo, Andrea Perri, Velia Malizia, Stefania La Grutta, Giovanni Viegi

Burden of chronic obstructive pulmonary disease and its attributable risk factors in the world's ten most populous countries, 1990–2023: a retrospective crosssectional study **PA5992**
Jisong Yan (Beijing, China), Xingyao Tang, Mingle Shi, Ke Huang, Ting Yang

Work ability in Chronic Rhinosinusitis (CRS)- Follow-up data from the Telemark Study, Norway **PA5993**
Regine Abrahamsen (Skien, Norway), Martin Veel Svendsen, Nikola Zivadinovic, Geir Klepaker, Ulrika Clarhed, Johan Hellgren, Anne Kristin Møller Fell

A systematic review of interventions for alleviating the impact of air pollution on COPD **PA5994**
Sameera Ansari (Sydney (NSW), Australia), Esther Choi, Xiaoqi Feng, Mariam Fathima

Volumetric Evolution of Progressive Massive Fibrosis in Pneumoconiosis: Preliminary Results **PA5995**
Selin Çakmakcı Karakaya (Ankara, Türkiye), Batunay Duran, Adem Koyuncu, Rabia Ezber, Esra Temel, Hakan Ertürk, Ceprail Şimşek

Evolution of disease recognition following humidifier disinfectant disaster in South Korea: Fifteen years from outbreak to comprehensive disease spectrum Jongin Lee (Seoul, Republic of Korea), Yeseo Lee	**PA5996**
Isocyanate-Induced Occupational Asthma: Clinical Specificities and Socio-Professional Outcomes Narjes Belhadj Chabbah (Sousse, Tunisia), asma gaddour, Asma Chouchane, Ameni Kacem, Imen Kacem, Mohsen Marnaoui, Brahem Aicha, Chatti Souheil	**PA5997**
IMPACT OF OCCUPATIONAL ALTITUDE EXPOSURE ON CARDIOPULMONARY AND FUNCTIONAL PARAMETERS AMONG SKI RESORT WORKERS: A CROSS-SECTIONAL STUDY Pedro J Romero-Palacios (Granada, Spain), Alicia Gallardo-Marchal, Jose De la Torre- Navas, Juan Antonio Holgado- Terriza, Bernardino Alcazar Navarrete	**PA5998**
Knowledge, perception and practice of respiratory protection among cement factory workers in Ogun State, Nigeria Adebayo Omileye (Ibadan, Nigeria), Al-Furqan Akinnibosun, Nse Odunaiya	**PA5999**
Demographics, employment and treatment in severe work-related asthma on biologics Elsbeth Giles (Manchester, United Kingdom), Sudershan Pillay, Ruth Wiggans, Sonia Ali, Sarah Johnson, Emma Karpetis, Karl Ballance, Nevan Meghani, Jenny Chan, Richard Barraclough, Jennifer Hoyle, Nevan Meghani, Huda Badri, Nita Sehgal	**PA6000**
Occupational wood dust exposure impairs the pulmonary function of woodworkers. Ghulam Murtaza (Gujrat, Pakistan), Vaneeza Sajal, Razia Sultana, Eman Ejaz	**PA6001**
Predicting minute ventilation for estimating the inhaled dose of air pollution in adults with COPD, asthma or without respiratory disease Joren Buekers (Barcelona, Spain), Claudia Armengol, Valérie Bougault, Laura Delgado-Ortiz, Mariona Font, Judith Garcia-Aymerich, Elena Gimeno-Santos, Alicia Guillien, Alícia Josa-Culleré, Michael Stephen Koehle, Arno Schmidt-Trucksäss, Fabian Schwendinger, Valérie Siroux, Raphaëlle Varraso, Janika Ylönen, Ioar Rivas, Sarah Koch	**PA6002**
Longitudinal change in respiratory function in firefighters; results from the Grenfell Firefighter Study Johanna Feary (London, United Kingdom), Tamanna Kabir, Adrian Bevan, Susie Schofield	**PA6003**
World Trade Center workers with accelerated lung function decline had higher longitudinal increase in body mass index Rafael E. de la Hoz (New York, United States), Zitong Zhang, Raúl San José Estépar, James C. Ross, Jonathan Weber, John T. Doucette, Juan C. Celedón	**PA6004**
WTC responders with COPD but not with low FVC had lower airway fractal dimension and lacunarity Rafael E. de la Hoz (New York, United States), Zitong Zhang, Raúl San José Estépar, Jonathan Weber, John T. Doucette, Juan C. Celedón	**PA6005**
Respiratory symptoms and ventilatory function in underground miners: effect of cumulative exposure Jordan Minov (Skopje, North Macedonia), Sanja Latkoska, Sasho Stoleski, Dragan Mijakoski	**PA6006**
Air pollution and Respiratory health in Bangladesh: Air Health Model for healthcare and community interventions Sadia Sultana (Dhaka, Bangladesh), Kazi Saifuddin Bennoor, Mohammad Abdus Shakur Khan, Md. Ali Hossain, Asif Mujtaba Mahmud	**PA6007**
CLINICAL PRESENTATION AND SOCIAL IMPLICATIONS OF COEXISTING SARCOIDOSIS AND SILICOSIS IN COAL MINERS Valeriia Dmytrychenko (Dnipro, Ukraine), Victoriia Rodionova, Liudmyla Hlyniana	**PA6008**

PS-22 Session 522 12:30 - 14:00

Poster session: Challenges and perspectives of tobacco cessation in special population groups

Disease(s) : Airway diseases Interstitial lung diseases Pulmonary vascular diseases Respiratory critical care Sleep and breathing disorders Thoracic oncology

Method(s) : Epidemiology Public health Pulmonary function testing Physiology General respiratory patient care Imaging

Tag(s) : Clinical, Prevention

Chairs : Elif Dagli (Istanbul, Türkiye), Karen Heslop-Marshall (Newcastle upon Tyne (Tyne and Wear), United Kingdom), Andreas M. Matthaiou (Athens, Greece)

A Longitudinal Analysis of Common Liability Theory from Adolescence to Adulthood: Associations between Shared Vulnerabilities and Smoking and E-cigarette Use to age 25 Luke J. Clancy (Dublin, Ireland), Joan Hanafin, Salome Sunday	**PA6009**
Changes in the use of tobacco and nicotine products in relation to respiratory symptoms among 19-year-olds: a comparison between two cohorts examined ten years apart Linnea Hedman (Luleå, Sweden), Viggo Asplund, Caroline Stridsman, Helena Backman, Eva Rönmark	**PA6010**
Late Breaking Abstract - Associations of e-cigarette and cannabis use with lung structure and function in the COVID-19 Lung Microvascular and Parenchymal Sequelae (Lung-MaPS) study Yiqun Jin (New York, United States), Tianyou Wang, Sarah Gerard, Junfeng Guo, Isabel Szablewski, R Graham Barr, Hoffman Eric, Oelsner Elizabeth	**PA6011**
Frontline challenges: knowledge and attitudes toward e-cigarettes among primary and secondary care professionals in a provincial setting Aytekin İdikut (Ankara, Türkiye), Hasan Ozgen, Ozlem Ozdağ, Aslı Bilge Ipek, Burak Bakar, Özkan Pulat	**PA6012**
From Cigarettes to Vapes: Austria's Youth at the Crossroads of a Nicotine Epidemic Charmaine J. M. Lim (Wien, Austria), Marie T. Grasl, Tobias. L Mraz, Severin Pötscher, Frits M. E. Franssen, Emiel. F. M. Wouters, Robab Breyer-Kohansal, Marie-Kathrin Breyer	**PA6013**
Smoking among health profession students: prevalence and associated factors Bihiyga Salhi (Ghent, Belgium), Francesca Van Hulle, Stephanie Van Rechem, Ewoud van Roy, Océane Weyne, Duncan Versieck, Saskia Gekiere, Stephanie De Cooman, Eric Derom, Heleen Demeyer	**PA6014**
Analysis of News Releases and Coverage on tobacco in Turkiye Elif Dagli (Istanbul, Türkiye), Murat Guner, Pınar Ay, Osman Elbek, Ummuhan Pece Sonmez, Tanzer Gezer, Fusun Yildiz	**PA6015**
Changes in prevalence of smoking and e-cigarette use between ages 13 and 25 years Luke J. Clancy (Dublin, Ireland), Salome Sunday, Joan Hanafin	**PA6016**
Trends in adolescent smoking and e-cigarette use in Ireland 2015-2024 Salome Sunday (Dublin, Ireland), Joan Hanafin, Luke Clancy	**PA6017**
Initiation, escalation, persistence: transitions in e-cigarette use from adolescence to adulthood Salome Sunday (Dublin, Ireland), Joan Hanafin, Luke Clancy	**PA6018**
Sex-Related Clinical Characteristics and COPD Prevalence in an Active Smoking Population Mada Ghanem (Paris, France), Emmanuelle Boutin, Gregoire Justeau, Thierry Urban, Alexandra Gentil, Larissa Lipskaia, Hélène Goussaut, Julien Sagot, André Soares, Raphaele Arrouasse, Bernard Maitre, Philippe Le Corvoisier, Florence Canoui-Poitrine, Maeva Zysman, Laurent Boyer	**PA6019**
Real-world effectiveness of cytisine for smoking cessation: A retrospective single-center study Nazife Balcı Saygılı (mersin, Türkiye), Demet Polat Yuluğ, Damla Hazal Sucu	**PA6020**
Baroreflex-mediated cardiac autonomic modulation in chronic nicotine electronic cigarette users: a cross-sectional study Vicente Benavides Córdoba (Cali, Colombia), Jhon Ruano Vallejos, Mauricio Palacios Gomez, Julian Rivera Motta	**PA6021**
Vaping outcomes from the 'Incentive 2 Quit' (I2Q) smoking and vaping cessation program Tahlia Grammatopoulos (Adelaide, Australia), Kelsey Sharrad, Shagufta Perveen, Damon Phillips-Chantelois, Pabitra Thapa, Bruce Surman, Clinton Cenko, Kristin Carson-Chahhoud	**PA6022**
The "Sirente Velino" European Park of the Italian Respiratory Village network: a model for promoting respiratory well-being Maria Sofia Cattaruzza (Roma (RM), Italy), Loretta Giuseppina Pace, Silvia Brini, Alessandro Di Menno di Bucchianico, Salvatore D'Antonio, Vincenzo Zagà, Massimo Alesii, Francesca Marinangeli	**PA6023**
Association between patterns of tobacco use and personality traits among hospital employees Pinar Çelik (Manisa, Türkiye), Aylin Aydilek Yılmaz, Beyhan Özyurt, Artuner Deveci	**PA6024**
Exploring the patient experience of smoking cessation support delivered during lung cancer screening: a qualitative study Parris Williams (London, United Kingdom), Keir Philip, Nicholas Hopkinson	**PA6025**

Effect of the smoking prevention and reduction intervention “Implementation Intentions” on smoking behaviors in high school students in Southern Greece **PA6026**
Izolde Bouloukaki (Heraklion (Crete), Greece), Antonios Christodoulakis, Sevasti Peraki, Floor A Van Den Brand, Faraz Siddiqui, Theodoros Krasanakis, Antonia Aravantinou-Karlatou, Purva Abhyankar, Siân Williams, Rianne MJJ van der Kleij, Ioanna Tsiligianni

Mixed methods evaluation of the 'Incentive 2 Quit' program: barriers and enablers of vaping cessation interventions **PA6027**
Tahlia Grammatopoulos (Adelaide, Australia), Kelsey Sharrad, Shagufta Perveen, Damon Phillips, Pabitra Thapa, Bruce Surman, Clinton Cenko, Kristin Carson

PS-23 Session 523 12:30 - 14:00

Poster session: Neonatal and paediatric intensive care and prematurity-related respiratory sequelae

Disease(s) : Respiratory critical care Airway diseases Pulmonary vascular diseases

Method(s) : Respiratory intensive care Epidemiology General respiratory patient care Endoscopy and interventional pulmonology Surgery Imaging Cell and molecular biology Physiology Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Emanuela Zannin (Monza (MB), Italy), Christopher Harris (London, United Kingdom), Diane Gray (Cape Town, South Africa)

Gut Microbiota Profiles Associated with Bronchopulmonary Dysplasia in Very and Extremely Preterm Infants **PA6028**
Chieh-Ni Kuo (Linkou, Taiwan), Meng-Han Chiang, Yu-Ying Yu, Chih-Yung Chiu

Increased Respiratory Morbidity in Children Born at the Limits of Viability **PA6029**
Yotam Ophir (Prague, Czech Republic), Richard Plavka, Katerina Lamrova, Tereza Lamberska, Klara Jonas, Blanka Zlatohlavkova, Jana Tukova

Do multidisciplinary team meetings matter in severe bronchopulmonary dysplasia? A longitudinal study of patients’ outcomes, clinicians’ adherence, and satisfaction **PA6030**
Alice Hadchouel-Duvergé (Paris, France), Anouk Minodier, Brigitte Fauroux, Pierre-Henri Jarreau

Operating room extubation in congenital heart disease: incidence and predictors **PA6031**
Danilo Rufino (São Paulo, Brazil), Thayane Carvalho, Beatriz Correa, Gabriella Lins, Luana Carvalho, Flávia Xavier, Leonardo Almeida, Fellipe Allevato, Evelim Gomes, Roberta Teixeira

Clinical and Imaging Predictors of Bronchopulmonary Dysplasia in Premature Infants **PA6032**
Alexandru Corlateanu (Chisinau, Republic of Moldova), Svetlana Sciuca, Aliona Cotoman, Rodica Selevestru, Ala Curteanu, Eva Gudumac

Characteristics of infants with meconium aspiration syndrome discharged in home oxygen therapy **PA6033**
Aarti Mistry (Nottingham, United Kingdom), Lorenz Huber, Nicola Butcher, Sabrina Cheong, Sarah Wheatley, Sumit Jagani, Dushyant Batra, Jayesh Mahendra Bhatt

Flexible bronchoscopy in pediatric intensive care units: A reliable diagnostic and therapeutic tool **PA6034**
Erdem Gonullu (Istanbul, Türkiye), Baris Kaygisiz, Ebru Köstereli, Omer Ozden, Murat Tanyildiz, Tugba Gursoy, Zeynep Seda Uyan

Pediatric noninvasive ventilation survey: healthcare professionals’ experiences with clinical practice in Brazil **PA6035**
Thais Modesto (Fortaleza (CE), Brazil), Luanna Mendes, Pedro Almir Morais, Ricardo Viana Falcão, Betina Santos Tomaz, Eanes Pereira, Marcelo Holanda

Effectiveness of pulse methylprednisolone therapy in infants with severe bronchopulmonary dysplasia- A retrospective study. **PA6036**
Alex Tom (Nottingham, United Kingdom), Sabrina Cheong, Harsha Sreedharan, David Bird, Dushyant Batra, Muhammed Zulkifli, Rebecca Devaney, Andrew Prayle, Matthew Hurley, Jayesh Mahendra Bhatt

Congenital lobar emphysema mimicking neonatal pneumothorax: the value of lung ultrasound **PA6037**
Diana Calaras (Chisinau, Republic of Moldova), Svetlana Sciuca, Ana Zotea, Ludmila Pinzari, Oxana Maliga, Aliona Pisarenco, Eva Gudumac

Intrapulmonary Percussive Ventilation in pediatric patients with acute respiratory failure **PA6038**
Francesca Policastro (Trieste, Italy), Roberto Casalaz, Giorgia Silli, Roberta Sartori, Sergio Ghirardo, Laura Badina, Massimo Maschio, Alessandro Amaddeo

Effect of Prophylactic Inhaled Amikacin on Ventilator-Associated Pneumonia and Clinical Outcomes in Mechanically Ventilated Children: A Randomised Controlled Trial **PA6039**
Lokesh Kumar Tiwari (Rishikesh, India), Neethu Ravi, Prashant Kumar Verma, Man Singh Parihar

Acute Effects of Facilitated Tucking on Cerebral Oxygen Delivery and Consumption During Upper Airway Suctioning in Preterm Infants: A Randomized Crossover Clinical Trial. **PA6040**
Evelim Gomes (São Paulo (SP), Brazil), Natasha Santa Maria

Feasibility of remote respiratory monitoring in critically ill children with cardiopulmonary conditions in intensive care settings **PA6041**
Tom deLaubenfels (Marietta, United States), Yu Kan Au, Callum Gouveia Da Silva, Callie Robinson, Adrian Marinovich, Jason Kroh, Richard Powers

Predictors and outcomes of early and late extubation failure in pediatric cardiac surgery **PA6042**
Danilo Rufino (São Paulo, Brazil), Caroline Bastos, Ana Tainara, Jade Leal, Leonardo Almeida, Fellipe Allevato, Evelim Gomes, Roberta Teixeira

The role of ischemic modified albumin in the evaluation of hypoxic-ischemic lesions in premature infants with bronchopulmonary dysplasia **PA6043**
Rodica Selevestru (Chisinau, Republic of Moldova), Mariana Ceahlau, Olga Tagadiuc, Alexandru Babin, Iana Coropceanu, Svetlana Sciuca

Breastfeeding duration and its impact on childhood asthma development **PA6044**
Tamar Bakhtadze (Tbilisi, Georgia), Vakhtang Beridze, Nino Kiknadze, Rusudan Khukhunaishvili, Nino Nijaradze, Vera Baziari

Intravenous magnesium sulfate combined with targeted pulmonary vasodilators in preterm infants with bronchopulmonary dysplasia and associated pulmonary hypertension: a case series and literature review **PA6045**
Doxa Kotzia (Athens, Greece), Andreas Petropoulos

Co-exposure to Perinatal Tobacco and Infection Establishes a Critical Respiratory Vulnerability Window: A Drosophila Model Study on Lifelong Health Decline and Intergenerational Damage **PA6046**
Xiaoxiao Zhou (shenyang, China), Li Zhao, Hao Sun, Rui Ye, Yu Li, Dongxu Ji, Qiqi Wu

PS-24 Session 524 12:30 - 14:00

Poster session: Epidemiology of paediatric respiratory health: from early-life exposures to long-term outcomes

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health Cell and molecular biology

Tag(s) : Clinical, Global reach, Prevention

Chairs : Olena Gruzieva (Stockholm, Sweden), David Lo (Leicester, United Kingdom), Zhebin Yu (Stockholm, Sweden)

Assessment of the age-specific health-related quality of life of varicella: a real-world survey **PA6047**
lai wei (Beijing, China), Dan Zhao, Li Lu, Luodan Suo, Jing Du, Lulu Meng, Juan Li, Xiaomei Li, Jingbin Pan, Ying Ma, Ziang Li, Ping Li

Diverse Infectious Disease Outcomes After SARS-CoV-2 Infection in Children and Adolescents: A Nationwide Matched Cohort Study **PA6048**
Hyeon-Jong Yang (Seoul, Republic of Korea), Eun Lee, Kyunghoon Kim, Narin Park, Jinho Yu

Impact of Nationwide Nirsevimab Prophylaxis on Acute Viral Bronchiolitis in Italy **PA6049**
Mattia Spatuzzo (00164, Italy), Antonio Corsello, Domenico Di Francesco, Marina Francesca Strati, Gianmarco Amodio, Riccardo Manzalini, Elisa Costantini, Sofia Mazzotti, Marco Renni, Letizia Langone, Francesca Coralluzzo, Elena Fiumicelli, Greta Albonico, Susanna Adornato, Valeria Passarella, Antonella Piras, Francesca Forcucci, Maria Cristina Capuano, Anna Basile, Maria Albini, Alessia Cafforio, Claudio Coppola, Monica Palmoni, Giulia Bertolucci, Silvia Bertolo, Corrado Di Febo, Annalidia Donato, Gabriele Di Pasquale, Fabio Toscano, Grazia Tolfa, Marta Arpinelli, Enea Bonci, Raffaella Nenna, Gian Luigi Marseglia, Rino Agostiniani, Fabio Midulla, Osservatorio Nazionale Specializzandi Pediatria - Respiratory Syncitial Virus Research Group

Trends in Bronchiolitis-Related Hospitalizations Across Six Winter Seasons in Nine Italian Hospitals: Impact of Nirsevimab Introduction **PA6050**
Sergio Ghirardo (Trieste, Italy), Barbara Madini, Nicola Ullmann, Alessandro Zago, Michele Ghezzi, Enza D'Auria, Marta Minute, Stefano Martelossi, Anna Chiara Vittucci, Sebastian Cristaldi, Sara Procoli, Francesca Castelletti, Vincenzo Guaia, Alessia Rocchi, Beatrice Andrenacci, Francesco Maria Risso, Andrea Trombetta, Luca Barchi, Simone Foti Randazzese, Sara Manti, Eloisa Gitto, VIrginia Mirra, Paolo Siani, Salvatore Aversa, Alessandro De Fanti, Maria Francesca Patria, Alessandro Amaddeo, Egidio Barbi, Renato Cutrera

The Re-emergence of Pertussis as a Critical Public Health Threat to Infants and the Optimization of Immunization Strategies in China **PA6051**
Hangjie Zhang (Hangzhou, China)

Post-Viral Wheezing in Children after RSV or Rhinovirus Infections: 4 years Monocentric Experience from the largest Private Pediatric Greek hospital and Literature Comparison Doxa Kotzia (Athens, Greece)	**PA6052**
Maternal views on RSV vaccination during the second season of implementation in the United Kingdom. Charlotte Rampton (Southampton, United Kingdom), Shaun O'Hagan, Steve Cunningham, Simon Drysdale, Helen Groves, Samantha Hunt, Dalia Iskander, Xinxue Liu, Mark Lyttle, Chengetai Mpamhanga, Thomas Waterfield, Thomas Williams, Robin Marlow, Damian Roland	**PA6053**
One-year hospital readmission after paediatric COVID-19 hospitalization Cristian Vladulescu (Craiova, Romania), Cristian Gheonea	**PA6054**
Plasma metabolites and sphingolipids perturbations associated with early-life air pollution exposure and childhood respiratory health Zhebin Yu (Stockholm, Sweden), Antonio Checa, Benedikt Zöhrer, Shizhen He, Simon Merid, Kristina Eneroth, Susanna Klevebro, Johan Alm, Catarina Almqvist, Anna Hedman, Göran Pershagen, Erik Melén, Craig Wheelock, Olena Gruzieva	**PA6055**
Proteomics and lung function from childhood to adulthood: a case cohort study Shizhen He (Stockholm, Sweden), Simon Kebede Merid, Sofia Bergström, María Bueno Álvez, Gang Wang, Susanna Klevebro, Tess D. Pottinger, Anna Bergström, Inger Kull, Anne-Sophie Merritt, Fredrik Edfors, Mathias Uhlén, Jochen M. Schwenk, Stefano Guerra, Matteo Bottai, Peter Nilsson, Erik Melén, Sophia Björkander	**PA6056**
Development and validation of a risk prediction model for recurrent wheeze attacks in preschool children in England Jonathan Broomfield (Leicester, United Kingdom), Erol Gaillard, Jenni Quint, Hilary Pinnock, Clare Gillies, Mohammad Al Sallakh, Gwyneth Davies, David Lo	**PA6057**
Functional respiratory disorders in pediatric population (Vinnytsia region, Ukraine) Kateryna Khromykh (Vinnytsia, Ukraine), Veronika Dudnyk, Yaroslav Demchyshyn	**PA6058**
Multicentre Familial Concordance Study in Primary Ciliary Dyskinesia: Younger siblings are diagnosed earlier and demonstrate better lung function across life Pinelopi Anagnostopoulou (Nicosia, Cyprus), Panayiotis Kouis, Johanna Raidt, Mathias Geldermann Holgersen, Antonis Michanikou, Andreas Protopapas, Sandra Rovira-Amigo, Mieke Boon, Siobhan Carr, Suzanne Crowley, Eleonora Dehlink, Morten Dunø, Nagehan Emiralioğlu Ordukaya, Ela Erdem Eralp, Tuğba Şismanlar Eyuboglu, Bishara Fashho, Myrofora Goutaki, Serena Gracci, Karolina Gwozdziewicz, Eric G. Haarman, Claire Hogg, Bülent Karadag, Jane S. Lucas, Debora Maj, Vendula Martinu, Henryk Mazurek, Caroline Marie Torp Nygaard, Massimo Pifferi, Tavs Qvist, Sarah Riepenhausen, Jobst Roehmel, Nisreen Rumman, Anne Schlegtendal, Amelia Shoemark, Nicola Ullmann, Woolf T. Walker, Kewei Zhang, Ewa Ziętkiewicz, Michael Storck, Nicos Middleton, June K. Marthin, Petra Pennekamp, Heymut Omran, Kim Gjerum Nielsen, Panayiotis K. Yiallouros	**PA6059**
Advancing equity: 6-year respiratory outcomes of a whole population of young Australian Indigenous children with chronic wet cough; ERS CRC Child-BEAR-Net Pamela Laird (Perth, Australia), Zac Dempsey, Isaac Wedderburn, Emily Wray, Mikayla Garstone, Erica Thompson, Sarah Thomason, Mirrhini Coopes, Tiffany Bradshaw, Anne B Chang, André Schultz	**PA6060**
Large-Scale School Screening Program for Asthma - An Interim Analysis Meena Lopez (Mumbai, India), Vaishali Naik, Sanjiv Rawat, Jayant Joshi, Senthilnathanan Mohanasundaram, Jaideep Gogtay	**PA6061**
Longitudinal trends in prevalence of uncontrolled asthma in children and young people in England – a retrospective cohort study. Aleksandra Gawlik-Lipinski (Leicester, United Kingdom), Jonathan Broomfield, Sharmin Shabnam, Erol A Gaillard, Jenni K. Quint, Clare L. Gillies, David K.H. Lo	**PA6062**
Co-existence of respiratory diseases with neurodevelopmental and mental health disorders in children - preliminary results for case-control study. Grzegorz Brożek (Katowice, Poland), Adam Borek, Josh Lawson, Szymon Skoczyński, Beata Kazek, Bożena Chrapkiewicz, Małgorzata Farnik, Marcin Leśniewski, Kaja Sobieszczuk, Agnieszka Kędzior, Aleksandra Lecnar, Gabriela Ziółkowska, Marlena Tarsa, Andrzej Pawlik, Piotr Szastok	**PA6063**
Paediatric respiratory hospitalizations in Mongolia in 2024 – is asthma massively underdiagnosed? Mandukhai Ganbat (Bern, Switzerland), Grit Sommer, Mari Sasaki, Franco Romero, Lorenz M Leuenberger, Michidmaa Chinges, Zolzaya Baatarkhuu, Tsevegmid Urtnasan, Carmen Casaulta, Claudia E Kuehni	**PA6064**

Polygenic risk for asthma reflects disease persistence and wheezing burden in childhood **PA6065**
Lianne Trap (Rotterdam, Netherlands), Tarik Karramass, Francine M Visscher, Janine F Felix, Jeroen G J Van Rooij, Liesbeth Duijts, Ralph Stadhouders

Dietary Fructose Exposure and Pediatric Atopic Disease: Evidence from the Polish Global Asthma Network Study **PA6066**
Kamil Barański (Katowice, Poland), Charles Prendergast, Agnieszka Jarosińska, Grzegorz Brożek

PS-25 Session 525 12:30 - 14:00

Poster session: Thoracic malignancies, prognosis, survival and complications

Disease(s) : Thoracic oncology Airway diseases Sleep and breathing disorders Pulmonary vascular diseases

Method(s) : Surgery Pulmonary function testing General respiratory patient care

Tag(s) : Clinical

Chairs : Ioannis Karampinis (Athens, Greece), Paula Duarte (brasilia, Brazil), Francesco Sellitri (Plymouth (Devon), United Kingdom)

Long-term surgical outcomes in locally advanced thymomas: A 13-year monocentric results **PA6067**
Mohamed REBEI (sfax, Tunisia), Zied Chaari, Aymen Ben Ayed, Ahmed Ben Ayed, Abdessalem Hentati

Neoadjuvant chemoimmunotherapy and surgical complexity in resectable NSCLC: real-world intraoperative challenges and minimally invasive feasibility **PA6068**
Davor Stamenovic (Koblenz, Germany), Aliona Wöhler

Prognostic Impact of N1 Micrometastasis in pT1–2a Non-Small Cell Lung Cancer: An IPTW-Adjusted Cohort Study **PA6069**
Hiroyasu Koga (Yokohama, Japan), Woo Tetsukan, Koji Okudera, Mai Matsumura, Tomoe Sawazumi, Hiromasa Arai, Katsuya Watanabe, Aya Saito

A Cost-Effective Technique for Chest Wall Reconstruction After Extensive Resection **PA6070**
Mohamed REBEI (sfax, Tunisia), Ahmed Ben Ayed, Sabrine Mejdoub Fehri, Aymen Ben Ayed, Zied Chaari, Abdessalem Hentati

ANALYSIS OF PATIENTS OPERATED ON TRACHEAL AND/OR LARYNGOTRACHEAL RESECTION AND RECONSTRUCTION **PA6071**
Antonio Francisco Honguero Martinez (Albacete, Spain), Marco Vinicio Merino Rueda, Antonio Acebal López, Marta Gironés Ballester, Laura Ratia Muñoz, María Peyró Sánchez, Claudia Rossana Rodríguez Ortega, Marta Genovés Crespo, María Dolores García Jiménez, Pablo León Atance, Patricia Miguel López, Ana María del Rosario Núñez Ares, Jesus Jiménez López

Radiomic profiling as a predictor of disease-free survival in surgically resected stage IA non-small-cell lung cancer(NSCLC) **PA6072**
Alexandro Patirelis (Rome, Italy), Georgia Hardavella, Alessandra Russo, Sebastiano Angelo Bastone, Riccardo Taje, Federica Carlea, Ioannis Karampinis, Ioanna Ilia, Guglielmo Manneti, Eugenio Pompeo, Federic Tacconi, Vincenzo Ambrogi, Stefano Elia

Predictive validity of the ACS NSQIP Surgical Risk Calculator for postoperative complications and length of stay after lung volume reduction procedures: a single-institution study. **PA6073**
Sofia Grace Villavicencio Clayton (Leicester, United Kingdom), Mohamed Alzouabi, Jan Brozik, Inger Oey, Alan G Dawson, Sridhar Rathinam, Neil Greening, Edward J Caruana

When routine becomes rare: aberrant lymphatic anatomy causing refractory chylothorax after station 4R dissection for lung cancer **PA6074**
Francesco Sellitri (Plymouth (Devon), United Kingdom), Linda Kimani, Richard Miles, Syed Faisal Hashmi, Udit Kathuria, Savannah Gysling, Osama Elzain

Outcome of endoscopic silver nitrate application in early bronchopleural fistulas following major pulmonary resections. **PA6075**
Imen Bouassida (Ariana , Tunisia), Chiraz Albouzidi, Bouassida Imen, Salma Madhi, Amina Abdelkbir, Mariem Hadj Dahmen, Sabrine Ouhaichi, Hedia Bellali, Mahdi Abdennadher, Adel Marghli

Predictors of postoperative complications after wedge resection **PA6076**
Eren Zenci (Denizli, Türkiye), Aygün Burak Çelik, İbrahim Başın, Argün Kış, Gökhan Öztürk, Ümit Aydoğmuş

Functional qualification for minor lung resections in patients with neoplastic lung lesions. When might spirometry be sufficient? **PA6077**
Stefan Wesołowski (Warszawa, Poland), Monika Franczuk, Tadeusz Orlowski

Head-to-head: CARDOT score and NSQIP thoracic risk calculator for predicting pulmonary complications (PPC) after lung cancer (LC) surgery **PA6078**
Ioannis Karampinis (Athens, Greece), Vasiliki Skordia, Ioannis Kyritsis, Nikolaos Anastasiou, Georgia Hardavella

Surgical fitness in curative lung cancer: changes in ERS/ESTS guidelines 2009-2025 **PA6079**
Filipe Modesto (Setúbal, Portugal), Jorge Rosa, Tiago Costa, Ana Frade, Sílvia Rodrigues, Susana Clemente, Filipa Todo Bom

Scarring tissue reaction around surgical clips after lung cancer (LC) resection: A diagnostic pitfall **PA6080**
GEORGIA DIONYSOPOULOU (Athens, Greece), Ioannis Karampinis, Vsiliki Skordia, Ioannis Kyritsis, Alexios Ververiotis, Dimitrios Lioumpas, George Mpenakis, Efstathios Metaxas, Nikolaos Anastasiou, Georgia Hardavella

Bilateral chylothorax as the sole manifestation of occult pleural lymphoma **PA6081**
Francesco Sellitri (Plymouth (Devon), United Kingdom), Linda Kimani, Richard Miles, Syed Faisal Hashmi, Udit Kathuria, Richard Riordan, Savannah Gysling, Samer Nassif

Exploring patient narratives on diaphragm dysfunction: a social media listening study **PA6082**
Sofia Grace Villavicencio Clayton (Leicester, United Kingdom), Amrita Bajaj, Rachael A Evans, Edward J Caruana

Surgical Strategy and Outcomes in Airway Adenoid Cystic Carcinoma **PA6083**
Imen Bouassida (Ariana , Tunisia), Mariem Hadj Dahmane, Amina Abdelkbir, Mohamed Amine Hannachi, Kaouthar Ben Ammara, Qoutayba Souleiman, Hazem Zribi, Mahdi Abdennadher, Anas Chabchoub, Sonia Ouerghi, Adel Marghli

Conservative Management of Postpneumonectomy Empyema Using an Irrigation-Aspiration System: A 15-Year Experience **PA6084**
Mohamed REBEI (sfax, Tunisia), Ahmed Ben Ayed, Mouna Nasri, Aymen Ben Ayed, Zied Chaari, Abdessalem Hentati

Postoperative Chylothorax: A Challenging Complication Requiring Timely Decision-Making **PA6085**
safaa boudabbous (sfax, Tunisia)

PS-26 Session 526 12:30 - 14:00

Poster session: Exercise training and testing across chronic respiratory diseases

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases | Sleep and breathing disorders

Method(s) : Pulmonary rehabilitation | General respiratory patient care | Physiology | Imaging | Pulmonary function testing | Transplantation

Tag(s) : Clinical, Translational , Digital health

Chairs : Marieke Wuyts (Leuven, Belgium), Magno F Formiga (Fortaleza, CE, Brazil), Sara Buttery (London, United Kingdom)

Late Breaking Abstract - Cut-off points for the Motivational Regulation for Exercise Questionnaire in individuals with COPD **PA6086**
Manuela Karloh (Florianopolis (SC), Brazil), Marcella Fortino, Gustavo Demétrio, Hellen Alexandre, Graziele Barbosa, Ana Paula Prim, Jhon Santos, Clara Gonçalves, Larissa Vuolo, Leah Varella, Julia de Lima, Fernanda Basso, Tiago Araújo, Debora Kawakami, Gustavo Araujo, Larissa Paiva, Nara Souza, Carla Malaguti, Renata Mendes, Valéria Di Lorenzo, Aline Gulart, Thiago Matias

Exertional chronic dyspnea and survival in adults with cardiopulmonary diseases referred for clinical exercise testing: a retrospective cohort study **PA6087**
Mona Lichtblau (Zürich, Switzerland), Carmen Wick, Helga Preiss, Julian Müller, Simon Schneider, Kay von Grünigen, Michael Furian, Stéphanie Saxer, Malcom Kohler, Silvia Ulrich

Automated versus fixed-dose oxygen therapy during walking in patients with fibrotic interstitial lung diseases: A randomized study **PA6088**
Janne Hastrup Jensen (Aarhus N, Denmark), Ejvind Frausing Hansen, Elisabeth Bendstrup, Linette Marie Kofod, Lotte Sørensen, Sissel Kronborg-White, Thomas Prior

The effects of virtual reality-assisted exercise training on anxiety and depression after thoracic surgery: A randomized controlled study **PA6090**
Dilan Güngör (Denizli, Türkiye), Orçin Telli Atalay, Gökhan Öztürk, Kağan Birer

Development of a new tool for structured exercise form based on functional interpretation of cardiopulmonary exercise testing (CPET) in adults with Cystic Fibrosis **PA6091**
Riccardo Guarise (Verona, Italy), Oriele Gasperetti, Sara Tomezzoli, Eleonora Salamon, Monica Signorini, Stefania Moro, Erika Fedrigo, Francesca Lucca, Giulia Cucchetto, Sonia Volpi, Elena Salonini, Marco Cipolli

A Comparison of Cardiopulmonary Exercise Testing and Respiratory Physiotherapy Assessment of Breathing Pattern Dysfunction **PA6092**
Chelliah Paramasivan (Cambridge, United Kingdom), Elizabeth Cole

Exercise Capacity and Multimorbidity in Chronic Respiratory Diseases: A Systematic Review **PA6093**
Nathany Souza Schafauser-Segundo (Sao Paulo, Brazil), Maria de Fátima Duarte Marinho, John R Hurst, Renata Gonçalves Mendes

Impact of a rehabilitation programme on functional and cardiorespiratory capacity in lung transplant recipients **PA6094**
Monique Messaggi Sartor (Barcelona, Spain), Marta Amor-Barbosa, Ana Mora Cabañero, Cristina de Fuentes Miret, Fernanda Salazar-Pérez, Vanesa Dávalos-Yerovi, Marcio Vinicius Fagundes-Donadio, Alba Gomez-Garrido

Understanding Breathlessness beliefs in people with COPD – associated clinical and functional factors **PA6095**
Sara Pimenta (Leiria, Portugal), Nádia Hipólito, Sofia Flora, Cândida G. Silva, Joana Cruz

Myofunctional Therapy in Adult Obstructive Sleep Apnea: A Non-Invasive Adjunctive Treatment Strategy **PA6096**
Cyrine Hattab (Tunis, Tunisia), Mahdi Abdennadher, Yasmine Mlouki, Sonia Maaleg

Understanding Self-Efficacy in Patients Following COPD Exacerbation: A focus on exercise capacity **PA6097**
Debora Mayumi de Oliveira Kawakami (Sao Carlos, Brazil), Gustavo Henrique Guimarães Araujo, Nathany Souza Schafauser-Segundo, Cleicy Lorrane Fernandes da Silva, Júlia Sallum Mansano, Maria Gabriela Colluci, Mariana Marques de Freitas, Leandro Gomes Mendonça, Valéria Amorim Pires Di Lorenzo, Manuela Karloh, Renata Gonçalves Mendes

Exercise-Based Pulmonary Rehabilitation in Bronchiectasis: A Scoping Review of RCTs **PA6098**
Betül Kuz (Ordu, Türkiye), Mustafa Ertuğrul Yaşa

Facilitators and barriers to exercise in adults with cystic fibrosis: a Delphi study **PA6099**
Laura Esteban-Repiso (Zaragoza, Spain), Raquel Lafuente-Ureta, Héctor Gutiérrez-Pablo, Marta San Miguel-Pagola

Adherence, delivered training dose and tolerability during a 12-week structured exercise intervention in COPD (T-REX) **PA6100**
caroline Larsson (Lund, Sweden), Linda Elowsson, Anna Cederberg, Hugo Öhrneman, Ellen Tufvesson, Bryan Falcones, Lisa Karlsson, Hamid Akbarshahi, Jaro Ankerst, Leif Bjermer, Andreas Palm, Jakob Löndahl, Andrei Malinovschi, Christer Janson, Margareta Emtner, Gunilla Westergen-Thorsson

Physiological determinants of functional dependency in COPD: regression and exploratory machine learning analyses **PA6101**
Sıla Yılmaz (İstanbul, Türkiye), Seda Saka, Elif İrem Günaydın, Nur Tunalı

The brain age gap in individuals with chronic obstructive pulmonary disease and its associations with physical activity, cardiorespiratory fitness, and smoking history: a cross-sectional magnetic resonance imaging (MRI) study **PA6102**
Dries Cops (Hasselt, Belgium), Jana De Brandt, Johan Jakobsson, Jonas Westman, Evelina Sund, Thomas Sandström, Marc Daenen, David Ruttens, Melina Hehl, André Nyberg, Chris Burtin

Structured exercise prescription based on functional interpretation of cardiopulmonary exercise testing (CPET) in adults with Cystic Fibrosis: a prospective validation study of a new reporting tool **PA6104**
Riccardo Guarise (Verona, Italy), Oriele Gasperetti, Sara Tomezzoli, Eleonora Salamon, Monica Signorini, Stefania Moro, Erika Fedrigo, Francesca Lucca, Giulia Cucchetto, Sonia Volpi, Elena Salonini, Marco Cipolli

PS-27 Session 527 12:30 - 14:00

Poster session: Bronchiectasis: comorbidities, overlap states and health services

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Imaging Epidemiology Public health Cell and molecular biology Pulmonary function testing

Tag(s) : Clinical

Chairs : Rebecca C Hull (Dundee, United Kingdom), Jin-fu Xu (Shanghai, China), Aslı Imran Yılmaz (konya, Türkiye)

Late Breaking Abstract - Disarming Pseudomonas aeruginosa (Pa): phase 2a Evidence for safe and tolerable Pa type 3 secretion system (T3SS) Blockade in non-cystic fibrosis bronchiectasis (NCFB) **PA6105**
Colm Leonard (Altrincham, United Kingdom), Juergen Dobmeyer, Nicola Ooi, Victoria Savage, Kerry Nield, Derek Lindsay, Rebecca Newman, Emmanuel Moyo, Victoria Lee, Sue Schmidt, Rachael White, Richard FitzGerald, Lauren Walker

Evaluating Current Bronchiectasis Care In Italy According To The 2025 European Respiratory Society Recommendations Alessandro De Angelis (Milano, Italy), Vittoria Comellini, Andrea Gramegna, Salvatore Battaglia, Giuliano Montemurro, Angela Bellofiore, Francesco Pagnini, Margherita Ori, Emilia Privitera, Edoardo Simonetta, Mattia Nigro, Donatella Nobile, James D. Chalmers, Francesco Blasi, Stefano Aliberti	**PA6106**
Greater disease severity in adults with paediatric-onset versus adult-onset bronchiectasis: a multicenter EMBARC registry study. Luai Khalaili (Haifa, Israel), Stefano Aliberti, Kateryna Viligorska, Francesco Blasi, Nili Stein, Raya Cohen, Rafea Zoubi, Yochai Adir, Alessandro De Angelis, Benjamin Jaaming New, Lewis Marshall, James D Chalmers, Michal Shteinberg	**PA6107**
Clinical characteristics of bronchiectasis in South America: A multicenter real-world study Ezequiel Baran (Manuel B. Gonnet, Argentina), Juan Sulprizio, Betiana Pereyra, Martha Inés Rodriguez, Gladys Kahl, Marcelo Morali, José Raa, María José Ayala Rodas, Juan Pablo Casas, María José Maracini, James Chalmers	**PA6108**
Characterization of bronchiectasis in lung cancer using German claims data Jeremias Götschke (Munich, Germany), Julia Walter, Kathrin Kahnert, Melanie Götschke, Theodore S Kapellos, Diego Kauffmann-Guerrero, Jürgen Behr, Amanda Tufman, Pontus Mertsch	**PA6109**
Persistent bacterial bronchitis in adults: a retrospective analysis and comparison with a bronchiectasis cohort. Patrick Senior (Bristol, United Kingdom), Pedro Viegas, Michael R Loebinger, Ricardo Jose, Janet Stowell, Aran Singanayagam, Anand Shah	**PA6110**
Telomere length across Chronic Respiratory Diseases: who gets the shorter end of the stick? Nuria Mendoza Barco (Barcelona, Spain), Lídia Perea*, Sandra Casas-Recasens, Belén Solarat, Pau Marrades, Fernanda Hernández-González, Lurdes Planas-Cerezales, Xavier Alsina-Restoy, Alejandro Frino-García, Amanda Iglesias, Borja G Cosío, Alvar Agustí, Stefano Aliberti, James D Chalmers, Jacobo Sellarés‡, Oriol Sibila‡, Rosa Faner‡	**PA6111**
Prevalence and Risk Factors of Bronchiectasis in People Living with HIV Kittipadh Boonyavarakul (Bangkok, Thailand), Natthawan Sanguanwong, Nareerat Sae-eao, Jiratchaya Sophonphan, Anchalee Avihingsanon, Worawan Sirichana	**PA6112**
Clinical evolution in COPD-Bronchiectasis association: a multidimensional assessment Shengzhu Lin (Guangzhou, China), Zhenfeng He, Jiahui He, Cuixia Pan, Meiyu Chen, Weijie Guan	**PA6113**
Enterobacterales and prognostic nutritional index in hospitalised bronchiectasis: associations with mechanical ventilation and long-term mortality Jibo Sun (Chengdu, China), Xiang Tong, Wenting Lv, Hong Fan	**PA6114**
Review of management plan of new patients seen in the bronchiectasis clinic: a retro-spective observational study. Nadeem Iqbal (Leicester, United Kingdom), Syed Kalam, Laraib Arshad, Eleni Avraam	**PA6115**
The Prognostic Impact of Inhaled Corticosteroid Type in Advanced COPD Patients on LTOT Hospitalized for Community-Acquired Pneumonia Fatma Tokgöz Akyil (Istanbul, Türkiye), Şule Gül, Ali Çetinkaya, Gülşah Günlüoğlu, Çiğdem Sabancı, Fatma Müge Batı Alyurt	**PA6116**
A comparative study of eosinophilic versus non-eosinophilic bronchiectasis: from clinical, biological and radiological profiles to exacerbation severity Fatma Ezzahra Boujmil (Tunis, Tunisia), Sirine Arfa, Yosr Aloulou, Saoussen Skhiri, Yosr Tayari, Meriem Mjid, Sonia Toujani, Abir Hedhli, Besma Dhahri	**PA6117**
Clinical impact of microbiological erradication in patients with COPD and Pseudomonas aeruginosa infection receiving inhaled antibiotics Oriol Caritg Cirera (Barcelona, Spain), Fabiana Cusati, Fernando Gutiérrez, Ruben Osuna, Miguel Angel Martínez García, Esther Barreiro, Eva Tabernero, Marta García Clemente, Nuria Celorrio, Laura Rodríguez Pons, Carmen Calero Acuña, Juan Luis Rodríguez Hermosa, Rafael Golpe, Raquel Dacal Quintas, Silvia Sánchez-Cuéllar, Irene Torres Arroyo, Marina Blanco Aparicio, Virginia Almadana Pacheco, Roser Costa, Marc Miravitlles, David de la Rosa	**PA6118**
Clinical, economic, and humanistic burden of Pseudomonas aeruginosa colonization in chronic respiratory diseases: a targeted literature review Klas Bergenheim (Gothenburg, Sweden), Darsh Devani, Josefine Persson, Sabada Dube, Grace Fox	**PA6119**

Impact of COVID-19 Non-Pharmaceutical Interventions on the Biodiversity of Respiratory Viral Co-detections: A Retrospective Simpson's Diversity Index Analysis in South Korea — **PA6120**
Taewoo Kim (Seoul, Republic of Korea), Min Jin Kim, Hoon Cho, Yong-Hak Sohn, Ga Young Shin, Myung Jae Park, Young Jin Kim

Late Breaking Abstract - Effectiveness of adjuvanted RSVPreF3 vaccine against severe exacerbations and mortality among patients with chronic obstructive pulmonary disease: emerging results from a nationwide Danish cohort study — **PA6121**
Maria João Fonseca (Lisbon, Portugal), Stanislava Bratković, Yunus Çolak, Marie Helleberg, Jørgen Vestbo, Sara Burns, Maria Spanggaard, Kasper Løwe Lundgren, Foteini Gkalapi, Katherine Theiss-Nyland

CELLULAR IMMUNITY IN CONVALESCENTS AFTER COVID-19 PNEUMONIA: IS IMMUNOREHABILITATION NECESSARY? — **PA6122**
Yana Lazur (Uzhorod Ужгород, Ukraine), Olha Lemko, Natalia Vantiukh, Diana Reshetar

Evaluating the impact of Aerobika on respiratory exacerbations: A prescription for change. — **PA6123**
David Barber (Warrington, United Kingdom), Emma Rickards, Dennis Wat

Impacts of comorbid bronchiectasis on subsequent 1-year exacerbations: analysis of prospective asthma and COPD cohorts — **PA6124**
Naoya Tanabe (Kyoto, Japan), Atsuyasu Sato, Yusuke Hayashi, Yoshihiro Seri, Ryo Sakamoto, Susumu Sato, Toyohiro Hirai

PS-28 Session 528 12:30 - 14:00

Poster session: Fungal and opportunistic pulmonary infections II: diagnosis, prognosis and services

Disease(s) : Respiratory critical care | Airway diseases

Method(s) : Epidemiology | General respiratory patient care | Endoscopy and interventional pulmonology | Public health | Surgery | Respiratory intensive care | Imaging | Pulmonary function testing | Cell and molecular biology

Tag(s) : Clinical

Chairs : Anand Shah (London, United Kingdom), Mattia Nigro (Milan, Italy), Margherita Silani (Milano, Italy)

Development and psychometric validation of chronic pulmonary aspergillosis health assessment questionnaire (CPA-HAQ) — **PA6125**
Dareen Marghlani (London, United Kingdom), Abdulrazaq Alasfour, Elizabeth Bradshaw, Chris Kosmidis, Alison McGouldrick, Catherine Deas, David Connell, Asif Johar, Pernilla Lagergren, Tayana Soukup, Aran Singanayagam, Melody Zhifang Ni, Darius Armstrong-James, Anand Shah

A multimodal model for prediction of in-hospital mortality in patients with non-neutropenic invasive pulmonary aspergillosis — **PA6126**
Xin Su (Nanjing (Jiangsu), China), Xinyu Wang, Xu Yang, Haixin Liu, Tingting Zhao, Wenjuan Li, Min Cao, Chunlai Feng, Yujian Tao, Jiaxin Shi, Yunyu Ma, Yi Li, Yating Wang, Xinlin Yi, Li Nie, Yajie Lu, Chao Sun, Chunxiang Tang, Xiaoyan Xin

Clinical analysis of Aspergillus-specific IgG antibody in the diagnosis of suspected non-neutropenic invasive pulmonary aspergillosis — **PA6127**
Xin Su (Nanjing (Jiangsu), China), Yajie Lu, Huanhuan Zhong, Chao Sun, Min Cao, Chunlai Feng, Li Wang, Cheng Chen, Wenkui Sun, Xin Lu, Yujian Tao, Yuanqin Li, Guoer Ma, Binchan He

Variations in fungal diagnostics and provision - a case for regional services? — **PA6128**
Meg Coleman (London, United Kingdom), Roopam Sehajpal, Isanka Welagedara

Development and validation of the FUNGAL-P score for early identification of fungal pneumonia — **PA6129**
Lorenzo Pelagatti (Florence, Italy), Tullio Catalucci, Emma Bosco, Martina De Marco, Michele Gilardoni, Francesca Mangani, Gian Maria Rossolini, Peiman Nazerian, Simone Vanni

Role of bronchoscopy-based investigations in diagnosis of Chronic Pulmoary Aspergillosis — **PA6130**
Animesh Ray (new delhi, India), Anuj Ajaybabu, Charu Rajoria, Naveet Wig

A snapshot on Aspergillus pulmonary diseases in Italy: a real-world study — **PA6131**
Mattia Nigro (Milan, Italy), Emanuele Giardina, Vincenzo Alberto Artuso, Sara Ascari, Giacomo Barzaghi, Laura Mizio, Paola Faverio, Francesco Bini, Francesco Blasi, Stefano Aliberti

Identification of phenotypes on chest computed tomography in invasive pulmonary aspergillosis using cluster analysis — **PA6132**
Ngoc Nguyen Thi Bich (Hà Nội, Vietnam), Hoang Anh Nguyen Cong, Nguyen Tran-Ngoc, B. Ngoc T. Nguyen

Risk factors for post operative complications after pediatric pulmonary hydatid surgery: Lessons from 553 Cases — **PA6133**
Mohamed REBEI (sfax, Tunisia), Zied Chaari, Jaweher Kammoun, Aymen Ben Ayed, Ahmed Ben Ayed, Abdessalem Hentati

Model for Early Differential Diagnosis of Disseminated Cryptococcosis and Pulmonary Cryptococcosis in HIV-negative Patients — **PA6134**
Zhengtu Li (Guangzhou, China), Wushu Chen, Feng Ye, Jieming Qu

A trial of amphotericin B or voriconazole followed by oral triazoles for non-HIV-associated talaromycosis in South China — **PA6135**
Mengxin Tang (Shenzhen, Guangdong, China), Jie Huang, Ziqing Mai, Guangnan Liu, Jianquan Zhang

Prospective validation of BM-AspICU algorithm by post-mortem minimally invasive sampling — **PA6136**
Animesh Ray (new delhi, India), Anuj Ajaybabu

Late Breaking Abstract - Matrix Metalloproteinase-7 restricts RSV infection through cleavage of viral and host entry factors — **PA6137**
IHSSAN KDAH, Hassan Ait Benhassou, Salaheddine Redouane, Vincent Wellemans, Houda Houari, Remi Meunier, Richard Le Naour, Meriem Khyatti, Abdelilah Soussi-Gounni, Bouchaib Lamkhioued

Evaluation of risk factors and treatment response in patients diagnosed with pneumocystis jirovecii pneumonia. — **PA6138**
Burak Kagan Elçi (Ankara, Türkiye), Aynur Zamanova Isgandarova, Ziya Toros Selçuk, Ahmet Ugur Demir, Oguz Karcioglu, Omrum Uzun, Selin Ardali Duzgun, Demet Cakır

Prognostic significance of fungal burden and associated clinical factors in HIV-negative pneumocystis jirovecii pneumonia — **PA6139**
Wenting Lv (Chengdu, China), Jibo Sun, Qingqing Jia, Xiang Tong, Hong Fan

Lung function and neuroimaging abnormalities in a cohort of Covid-19 patients: a retrospective study — **PA6140**
Vitoria Queiroz (Santos, Brazil), Stephanie Nonato de Castro, Vitória Caroline de Queiroz, Rafael Herling Lambertucci, Christophe Von Garnier, Carla Máximo Prado, Nahal Mansouri

Burden of outpatient Aspergillus-associated lung diseases in high-risk patients with chronic lung diseases in southern Vietnam: a community-based study — **PA6141**
Hoang-Minh Thai (Ho Chi Minh City, Vietnam), Duc-Tai Nguyen, Thuy-Quyen Tu, Thao-Nguyen Nguyen-Thanh, Khoa Nguyen-Dang, Bich-Ngoc Nguyen, Nguyen Tran-Ngoc, Helmut Salzer

Sensitization to aspergillus fumigatus as a risk factor for recurrent exacerbation in chronic obstructive pulmonary disease, a study from a developing country. — **PA6142**
Nousheen Iqbal (Karachi (Sindh), Pakistan), Ali Usman, Abdul Samad, Sajjad Sarwar, Akbar Shoukat, Kausar Jabeen, Muhammad Irfan

Predictors and outcomes of pulmonary septic embolism in infective endocarditis: a retrospective cohort study — **PA6143**
Masoud Kashoub (UB9 6JH, United Kingdom), Al Khalil Al Fahdi, Al Khalil Al Kindi, Prashanth Kumar P, Ayat Idris, Jamal Al Aghbari, Saif Al Mubaihsi, Sachin Jose, Asma Al Balushi

PS-29 Session 529 12:30 - 14:00

Poster session: Following tuberculosis disease: management challenges

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Public health Pulmonary function testing General respiratory patient care Epidemiology Physiology Imaging Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Gunar Günther (Bremgarten bei Bern, Switzerland), Simone Tunesi (Alessandria, Italy), Alberto Garcia-Basteiro (Maputo, Mozambique)

Late Breaking Abstract - Clinical phenotypic characteristics of post-tuberculosis bronchiectasis: data from the Chinese Bronchiectasis Registry — **PA6144**
Jia-Wei Yang (Shanghai, China), Hai-Wen Lu, Jin-Fu Xu

Effects of Short-Term Physical Therapy on Functional Status and Quality of Life in Post-Tuberculosis Lung Disease — **PA6145**
Olha Melnyk-Sheremeta (Ivano-Frankivsk, Ukraine), Iryna Makoida, Mykola Ostrovskyy, Olha Molodovets, Nadiia Korzh, Galyna Korzh, Alla Zuban

Co-occurrence patterns and related risk factors of chronic obstructive pulmonary disease and tuberculosis across 204 countries and territories: a spatial correspondence and systematic analysis Hong Luo (Chengdu, China), Lian Liu, Fuqiang Wen	**PA6146**
Clinical, radiological, and etiological aspects of pulmonary consolidations: a retrospective study of 191hospitalized patients at Rouiba hospital ; Algeria Gacem Hadjer (Rouiba, Algeria), Bouz Abdelhamid, Ketfi Abdelbassat	**PA6147**
Prevalence and Determinants of Radiologic Persistence After Microbiologic Cure in Pulmonary Tuberculosis: A Systematic Review and Meta-Analysis Jan Henrick Foscablo (Manila City, Philippines), Darlene Mae Cledera, Mithi Kalayaan Zamora	**PA6148**
Comparison of demography, lung function, symptom burden and echocardiographic profile in TOPD and COPD: A single centred, real-world observation Sayoni Sengupta (Kolkata, India), Sumedha Biswas, Debkanya Dey, Sayanti Karmakar, Srijita Sen, Wrick Chakraborty, Shuvam Ghosh, Dipanjan Saha, Rajat Pal, Avishek Kar, Parthasarathirathi Bhattacharyyaaryya	**PA6149**
High burden of lung function impairment shortly after successful tuberculosis treatment: a cross-sectional study from Vietnam Thi Phuong Phan (Hue, Vietnam), Nhu Hiep Pham, Thanh xuan Nguyen, Thi Binh Nguyen Nguyen, Van Long Hoang, Van Bi Nguyen, Vinh Hong Duong, Nhat-Nam Le-Dong, Thông Hua-Huy, Aurélien Dinh, Anh Tuan Dinh-Xuan	**PA6150**
The clinical particularities and treatment outcomes in Post-Tuberculosis Lung Disease patients. Alina Malic (Chisinau, Republic of Moldova), Adriana Niguleanu, Tatiana Osipov, Constatin Iavorschi	**PA6151**
Pulmonary assessment for detecting post-TB lung disease in patients after completing anti-tuberculosis therapy in Kathmandu, Nepal (POTKA study) Claus-Peter Kreutz (München, Germany), Annekathrin Heinrich, Korkut Avsar, Bhabana Shresta, Nita Chaudhary, Frank Reichenberger, Wolfgang Gesierich	**PA6152**
Characterisation of clinical, radiological, and physiological profiles in patients with post-tuberculosis lung disease Dharani M (TIRUNELVELI, India), Manju Rajaram, Madhusmita M Mohapatra, Subathra Adithan, Palanivel C	**PA6153**
GLI Race-Neutral versus Regional Spirometry Reference Equations for Classifying Post-Tuberculosis Lung Disease in India. Devasahayam Jesudas Christopher (Vellore (Tamil Nadu), India), lakshmi Spurthi Kodali, Sanjay Gaikwad, Mandar Paradkar, Balamugesh Thangakunam, Bhavani K, Ashutosh Aggarwal, Devasahayam J Christopher, Akshay Gupte	**PA6154**
Post-tuberculosis lung disease (PTLD) in a hyperendemic Amazonian primary care setting: a spirometry-based assessment Hirley Gabriel Reimão Noronha (Belém, Brazil), Yulle Di Paula Ribeiro Araujo, Esther Padilha Silveira, Edilson Santos Silva Filho, Paulo Marcelo Silva da Silveira, João Victor Raiol Oliveira, Amanda Aguiar Martins Nunes, Marcio Yago Correa Gaia Gester, Ana Carolina Contente Braga de Souza, João Soares Felicio, José Tadeu Colares Monteiro, José Luiz Fernandes Vieira, Carlos Augusto Abreu Alberio	**PA6155**
Clinical, radiological and spirometric abnormalities in post-tuberculosis lung disease: a cross-sectional study from southern Sri Lanka Dapanaduwage Amila Vindana Rathnapala (Galle, Sri Lanka), Nope Arachchige Poojika Sathsarani, Maleesha Abeygunawardena, Samanmalie Dalpathadu	**PA6156**
Prevalence of small airway disease in post pulmonary tuberculosis obstructive lung disease assessed by impulse oscillometry Indranil Halder (Hooghly (West Bengal), India), Arman Haque	**PA6157**
Lung injury in pulmonary TB, its functional impact and recovery with treatment Devasahayam Jesudas Christopher (Vellore (Tamil Nadu), India), Lakshmi Spurthi Kodali, Sanjay Gaikwad, Mandar Paradkar, Balamugesh Thangakunam, Bhavani K, Ashutosh Aggarwal, Akshay Gupte	**PA6158**
Long-term outcomes and prognostic factors of acute complications of tuberculosis:an Italian, retrospective, observational study. Giulia Carone (Milano, Italy), Cristina Albrici, Silvia Terraneo, Mariangela Puci, Sara Maggioni, Giulia Ferranti, Federica De Filippi, Chiara Alaimo, Ottavia Viganò, Andrea Santoro, Giulia Marchetti, Giovanni Sotgiu, Michele Mondoni	**PA6159**
Impact of HIV status on Tuberculosis treatment outcomes in the era of Dolutegravir-Based Antiretroviral Therapy in Azerbaijan. Gunash Jafarova (Baku, Azerbaijan), Irada Akhundova	**PA6160**

Short-course rifamycin-based regimens improve completion of latent tuberculosis preventive therapy in a high-risk cohort **PA6161**
Daniella Queiroga (Rio de Janeiro, Brazil), Carolina Simões, Ana Paula Santos, Walter Costa, Alicia Carneiro, Janaina Leung

Clinical implications of glycated hemoglobin (HbA1c) in the management of persons with tuberculosis and diabetes: results from a retrospective cohort study in Barcelona **PA6162**
Andrii Dudnyk (Barcelona, Spain), Mario Bravo, Israel Molina, Juan Espinosa, Joan-Pau Millet, Xavier Casas

PS-3 Session 530 12:30 - 14:00

Poster session: COPD in primary care and throughout the care pathway

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Epidemiology Public health Pulmonary function testing

Tag(s) : Clinical

Chairs : Amy Hai Yan Chan (Auckland, New Zealand), Janwillem W. H. Kocks (Groningen, Netherlands), Kübra Taskaraca Karabacak (Ankara, Türkiye)

Late Breaking Abstract - Prevalence and characteristics of eosinophilic COPD in primary care **PA6163**
Boudewijn Dierick (Groningen, Netherlands), Piet Ooms, Huib Kerstjens, Maarten van den Berge, Frits Franssen, Jean Muris, Gea Holtman, Lucas van Assen, Job van Boven

Comparative evaluation of DECAF and BAP-65 scores in predicting outcomes of COPD exacerbations in in-patients at Vicente Sotto Memorial Medical Center **PA6164**
Allanys Joy Pino (Cebu City, Philippines)

National Gaps in COPD Knowledge Among Primary Care Providers in Saudi Arabia: Implications for Frontline Care **PA6165**
Rayan Siraj (Al-Ahsa, Saudi Arabia), Ahmed Alrajeh, Maryam Almulhim, Mushabbab Alahmari, Abdulelah Aldhahir, Abdullah A. Alqarni Alqarni, Jaber Alqahtani, Saeed Alghamdi, Nowaf Alobaidi, Abdullah Alruwaili, Saleh Algarni, Abdulrhman Alghamdi, Mohammed Alyami, Majed Alrhaili, Nawaf Alsolami

Risk factors of post-COVID-19 symptoms, a cross-sectional study in patients with asthma and chronic obstructive lung disease **PA6166**
Agnes Andreason (Uppsala, Sweden), Björn Ställberg, Karin Lisspers, Anna Nager, Hanna Sandelowsky, Josefin Sundh, Gabriella Eliason, Scott Montgomery, Christer Janson, Marta Kisiel

The Knowledge-Practice Paradox in COPD Management: A National Survey of Tunisian Primary Care Physicians **PA6167**
Ahmed Araoud (Monastir, Tunisia), Soumaya Bouchareb, Haifa Ben Romdhane, Ghada Ellouzi, Souhir Ourghmni, Nadia Keskes, Leila Boussoffara

Algorithm-based triage for COPD risk and follow-up deficits in a digital health hotline application with near nationwide coverage in Sweden **PA6168**
Kian Safarynejad (Stockholm, Sweden), Jacob Eriksson, David Jaraj, Jonas Alwin, Johanna Lidén, Christer Janson, Dan Henrohn

Evaluation of vaccination status and factors affecting vaccination in COPD **PA6169**
Ayşegül Tomruk Erdem (Zonguldak, Türkiye), Cihad Kaya, Meltem Tor

Effectiveness of an Intervention to Improve Care of COPD: Results of The Greek COPD COCARE study **PA6170**
Izolde Bouloukaki (Heraklion (Crete), Greece), Ioanna Tsiligianni

What drives general practitioners to refer patients with COPD to a pulmonologist? Insights from an interview study **PA6171**
Lieven de Zwart (Nijmegen, Netherlands), Joep Simonse, Bram van den Borst, Erik Bischoff, Marieke Perry, Martijn Spruit, Lisette van den Bemt, Alex van 't Hul

Barriers in current and future care in people with COPD: CARINA study **PA6172**
Evelien Harms (Groningen, Netherlands), Lynda Draffan, Jill Stuifzand, Chunhua Chi, Biljana Cvetkovski, Misty Green, Sue Johnson, Eddie Judd, Fiona Mosgrove, Zihan Pan, MIchael Pollack, Kaleigh Steelman, Marika Leving, Janwillem Kocks

Delayed Diagnosis of Asthma and COPD Despite Repeated Primary Care Presentations with Respiratory Symptoms in Australia **PA6173**
Madeline Carr (Nedlands, Australia), Vidya Navaratnam, Alan Leib, Stuart Adamson, Brett Montgomery, Christopher Kosky, John Blakey, Sanjay Ramakrishnan

Diagnosis and Management of Asthma and COPD in Rural Primary Care: A Qualitative Study among General Practitioners in Junnar Block, Maharashtra, India. — **PA6174**
Dhiraj Agarwal (Pune (Maharashtra), India), Sayali Kasture, Hilary Pinnock, Hemant Apte, Makrand Ghorpade, Pam Smith, Sanjay Juvekar

Diagnostic classification in primary care using "Breathlessness Diagnostics in a Box" (BiaB) — **PA6175**
Evelien Harms (Groningen, Netherlands), Marika Leving, Iris van Geer-Postmus, Bernardino Alcazar-Navarrete, Chantal Arling, Rudolf de Boer, Ana Cebrian-Cuenca, Chris Gale, Huib Kerstjens, Yvette Jansen, Jiska Meijer, Fiona Mosgrove, Miguel Roman-Rodriguez, Richard Russell, Liliana Silva, Nilouq Stoker, Jill Stuifzand, Janwillem Kocks

Global distribution and trends in pharmacological clinical trials in COPD: a systematic scoping review — **PA6176**
Patricia Alupo (Kampala, Uganda), Lotte A.Jansen, John R. Hurst, Avyukth Raghuraman, Dipan Karmali, Bruce Kirenga, Trishul Siddharthan, Job FM van Boven

Etiotypes of chronic obstructive pulmonary disease in low- and middle-income country settings — **PA6177**
Patricia Alupo (Kampala, Uganda), Bruce Kirenga, Sibei Liu, Dipan Karmali, Nicole M.Robertson, Oscar Flores-Flores, Laxman Shrestha, Ram K. Chandyo, Arun Sharma, Suzanne L Pollard, Shumonta Quaderi, Jaime Miranda, William Checkley, John R Hurst, Job FM van Boven, Trishul Siddharthan

Guideline-concordant Maintenance Inhaled Medication for COPD within Chinese Primary Care — **PA6178**
Hanna WU (Beijing, China), Hongtao Niu, Yushi Zhang, Tianqi Peng, Xiang Li, Ting Yang

VALUE-COPD : Cost-effectiveness analysis of an early COPD diagnostic pathway in France — **PA6179**
Christine CONTRE (Bois-Colombes, France), Nicolas Roche, Hadrien Meunier, Nadège Costa, Jean-Laurent Thebault, Christel Castelli

Barriers to Respiratory Care Access in Urban Amazonia: A Qualitative Study from Manaus, Brazil – Findings from Breathe Well South America Group — **PA6180**
Adriana Oliveira (Birmingham, United Kingdom), Jucyette Evaristo, Tiótrefis Gomes Fernandes, Ramiro Fernandez, Maria do Socorro Lucena Cardoso, Paulo Lotufo, Onaedo Ilozumba, Justine Davies, Vilma Irazola, Antonio Barnabe Ortiz, Rachel Jordan

Prevalence of asymptomatic peripheral arterial disease in patients with COPD and hypertension - the PilotPreAPAD study — **PA6181**
Maaike Giezeman (Karlstad, Sweden), Sara Haile, Ingela Marklund, Eric Wahlberg, Maria Bäck, Birgitta Sigvant

Implementing a COPD screening questionnaire in a resource-limited setting: Screening for COPD in Nepal — **PA6182**
Prakash Bhattarai (Pokhara, Nepal), Neel Sharma, Ketan Patel, Claudia Fowler-Williams, Rupak Bastola, Moti Gurung, Robyn Inskip, Manoj Aryal

PS-30 Session 531 12:30 - 14:00

Poster session: Technology developments in lung cancer care: the opportunity of big data and "omics"

Disease(s) : Thoracic oncology | Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Epidemiology | Imaging | Cell and molecular biology | Public health | General respiratory patient care | Surgery | Pulmonary function testing | Endoscopy and interventional pulmonology | Physiology

Tag(s) : Basic science, Clinical, Translational , Digital health

Chairs : Maria Joana Pereira Catarata (Porto, Portugal), Yang Xia (Hangzhou, China), Eric Daniel Tenda (Jakarta, Indonesia)

Progenitor Exhausted T cell-associated radiomics signature to predict immunotherapy response in patients with advanced NSCLC — **PA6183**
Haoyu Wang (Chengdu, China), Rui Zhang, Dan Liu, Weimin Li

Influence of fibrotic niche on lung tumors in a 3D multicellular spheroid model — **PA6184**
Marina Tuxans Serrano (Badalona, Spain), Isabel Alfaya Fiaño, Maria Saigi, Paloma Millan-Billi, Llorenç Coll Mulet, Miquel Angel Peinado, Raquel Guillamat Prats, Karina Portillo Carroz

Distinct Clinical Phenotypes and Dual Risk Signatures in Alpha-1 Antitrypsin Deficiency Associated Cancer: An EARCO Analysis — **PA6185**
Sofía Ayat Ortiz (madrid, Spain), Soha Esmaili, Juan Luis Rodriguez Hermosa, Iman Esmaili, Daniel Parra Rodriguez, Oscar Garnica, Jose Manuel Velasco Cabo, Jesús García Fernández, Izai Bellón Rodríguez, Silvia García-Terrón, Angelo Guido Corsico, Jens-Ulrik Jensen, José María Hernández Pérez, Gianna Vargas Centanaro, Jose Ignacio Hidalgo, Myriam Calle Rubio

Development and Validation of a Weighted Logistic Regression Model for Predicting Checkpoint Inhibitor Pneumonitis in Patients with Non-Small Cell Lung Cancer **PA6186**
Hongge Liang (Beijing, China), Minjiang Chen, Jing Zhao, Wei Zhong, Mengzhao Wang, Yan Xu

Predicting Immune Checkpoint Inhibitors-Related Adverse Events using Noninvasive CT Spatial Radiomics Model Based on Second Lymphoid Cell-Rich Organs **PA6187**
Jiping Zhao (Jinan (Shandong), China), Hong Shangguan

Discovery and validation of lung cancer biomarkers based on proteomic analysis of bronchoalveolar lavage fluid from the self-controlled pulmonary lobes **PA6188**
Chao Cao (Ningbo, China), Shihui Wei, Tianwei Chen, Yan Jin, Xiaoyan Jin, Yun Zhao, Xingyu Chen, Qianhua Cao, Mengli Zhou, Rongbin Qi

Comparative Evaluation of Large Language Models Against Best-Evidence Topics for Treatment Decision Support in Locally Advanced Non–Small Cell Lung Cancer: Assistant or Multidisciplinary Team Member? **PA6189**
Neslihan Özçelik (Rize, Türkiye), Gizem Özçıbık Işık

Biospecimen collection and Multi-Omic analysis in An Irish Lung Cancer Screening Population **PA6190**
Marie Talty (Dublin, Ireland), Saoirse Doyle, Jasmine Dunne, Sze Ying Tan, Ciara Fay, Eleanor Cronin, Malcolm Herron, David O'Reilly, Catriona Dowling, Jarushka Naidoo, Emmet M O'Brien, Ross Morgan, Daniel J Ryan, Imran Sulaiman

Multi-omics combined analysis to explore the molecular mechanisms of EGFR-TKI resistance in lung cancer **PA6191**
Haoda Yu (Wuxi, China), Min Tao, Chu Qin

AI-assisted chest radiograph analysis for enhanced nodule detection and early lung cancer diagnosis: Real-world diagnostic pathways and outcomes **PA6192**
Duygu Aydın (Ankara, Türkiye), Azra Yusa Baykan, Gamze Durhan, Deniz Koksal

Vasculopathy as a Mechanical Barrier to Cancer Spread: Clinical Evidence and a Rheology-Based Model in Lung Cancer **PA6193**
Giulia Maria Stella (Pavia (PV), Italy), Lucrezia Pisanu, Dario Baio, Amelia Grosso, Cristina Novy, Alice Maccarini, Valentina Conio, Antonio Bozzani, Pietro Cerveri, Angelo Corsico

Intratumoral Resident Microbes Directly Participate in Resistance to EGFR-TKIs Targeted Drug Therapy through Metabolism in NSCLC **PA6194**
Jiarui Zhang (chengdu, China), Huan Wang, Jiaxun Zhang, Wang Hou, Jing Zhou, Maolin Li, Panwen Tian, Weiming Li, Dan Xie, Dan Liu

Comparison of clinical and pathological characteristics, risk factors in patients with lung cancer who died from COPD versus those who died from lung cancer itself or other comorbidities **PA6195**
Junhao Mu (Chongqing, China), Li Yang, Shuliang Guo, Yijiao Ning, Yuezhou Zhang, Min Ao, Weiyi Li

H1-Antihistamine usage is associated with a decreased lung cancer risk: a nationwide observational study. **PA6196**
Kristiaan Proesmans (Gent, Belgium), Dieter Stevens, Lies Lahousse

Breathomics as a tool for the non-invasive diagnosis of lung cancer **PA6197**
Fabrizia La Torre (Foggia, Italy), Giulia Scioscia, Pasquale Tondo, Piera Soccio, Maristella Terragno, Mirka Mariani, Stefano Russano, Cristina Colanardi, Leonardo Ciuffreda, Donato Lacedonia

PS-31 Session 532 12:30 - 14:00

Poster session: Patient-centred medicine: balancing treatment and well-being

Disease(s) : Thoracic oncology | Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases | Sleep and breathing disorders

Method(s) : Public health | Epidemiology | General respiratory patient care | Imaging | Pulmonary rehabilitation | Surgery | Cell and molecular biology | Palliative care | Endoscopy and interventional pulmonology

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Gökçen Ömeroğlu Şimşek (Izmir, Türkiye), Sami O. Simons (Maastricht, Netherlands), Chair to be confirmed

Early Telerehabilitation After VATS for Lung Cancer: A Pilot Randomized Controlled Trial on Functional Recovery and Symptoms **PA6198**
Tuğçe Duman Özkan (İstanbul, Türkiye), Seda Karaca

Short-term combined prehabilitation and inspiratory muscle training before VATS lung cancer surgery: a pilot randomized controlled trial Tuğçe Duman Özkan (İstanbul, Türkiye), Seda Karaca	**PA6199**
The mental health burden of lung cancer: A nationwide comparative analysis against colon, breast, and prostate cancer spanning 25 years Morten Borg (Ry, Denmark), Ingeborg Farver-Vestergaard, Ole Hilberg, Liz Steed, Louise Nissen, Rikke Ibsen, Anders Løkke	**PA6200**
The Latent Oncogenic Risk of Congenital Pulmaonary Airway Malformation (CPAM): A Lifespan Study Reveals Steep Rise in Adult Malignancy and Prevalent Subclinical Genetic Abnormalities Xiao Cheng (Beijing, China), Chao Meng, Lirong Nie, Zhiwen Li, Jufen Liu	**PA6201**
Radiological surveillance strategies after curative resection for non-small cell lung cancer: a systematic review and meta-analysis Alvaro Fuentes Martin (Valladolid, Spain), Néstor J. Martínez Hernández, Blanca De Vega Sánchez, José Soro García, Génesis Isabel Victoriano Soriano, David Mora Puentes, Natalia Cenci Nizzo, Ángel Cilleruelo Ramos	**PA6202**
Influence of Heterozygous Alpha-1 Antitrypsin Mutations and Telomere Length in a Population with Chronic Obstructive Pulmonary Disease and Lung Cancer Anna Núñez (Barcelona, Spain), Olivia Jordi Ollero, Carmen Lores Benavente, Javier Burgos Lozano, Mónica Arellano Vengoechea, Beatriz Fernandez Varas, Isabel Brao Pérez, Paula Guillen Morales, Susana Padrones Sánchez, Marta López Sánchez, Mariana Muñoz Esquerre, Guillermo Suárez Cuartín, Rosario Perona Abellón, Salud Santos Pérez, Samantha Aso González	**PA6203**
Factors Associated with Ineligibility for Lung Cancer Screening: A Real-World Cohort Magda Inês Abreu (Matosinhos, Portugal), Sara Costa, Rita Rodrigues, M. João Moura, Joana Lourenço, Diva Ferreira, Ana Vaz, Joana Amado, Luísa Ramos	**PA6204**
Surgery-based multimodal therapy improves survival despite metastasis in pulmonary artery intimal sarcoma: insights from the CHIPAS multicentre registry Yuebo Song (Beijing, China), Hongzhu Long, Yuanhua Yang, Guofeng Ma, Huiting Li, Yinong Chen, Yishan Li, Fangpeng Liu, Jinzhi Wang, Jun Wan, Fajiu Li, Weiping Xie, Lan Wang, Hua Su, Yanan Zhen, Bei Wang, Ziyi Chang, Qiang Huang, Zhu Zhang, Ting Yao, Yanhua Kong, Shuai Zhang, Cheng Hong, Wanmu Xie, Zhenguo Zhai, Chen Wang	**PA6205**
Lung cancer survivorship - a clinico-pathological evaluation Armin Frille (Leipzig, Germany), Hubert Wirtz, Albrecht Gläser, Sabine Klagges, Maximilian von Laffert, Florian Lordick, Judith Gebauer	**PA6206**
Impact of a co-designed streamlined urgent suspected lung cancer pathway on time to diagnosis, investigation, and appointment burden Carl Reynolds (London, United Kingdom)	**PA6207**
Incidence and severity of immune checkpoint inhibitor–related pneumonitis in lung cancer patients: a 10-year retrospective cohort study Giacomo Guglielmi (Livorno, Italy), Iacopo Petrini, Andrea Sbrana, Giovanna Manfredini, Sara Cinquini, Giulia Biondi, Alessio Gregori, Natascia Coltelli, Antonio Raffaele Abate, Federico Cucchiara, Chiara Romei, Laura Carrozzi, Francesco Pistelli, Guido Marchi	**PA6208**
The prevalence and clinical outcomes of anaplastic lymphoma kinase rearrangements in surgically resected adenocarcinoma lung cancer: A retrospective cohort study Hyeon Hwa Kim (Seoul, Republic of Korea), Hyun Seok Kwak, Jae Cheol Lee, Hyeong Ryul Kim, Chang-min Choi	**PA6209**
Prospective study of elderly patients with lung cancer - diagnostic and treatment decisions Mateja Marc Malovrh (Kranj, Slovenia), Tiva Nemanič	**PA6210**
Long-term survivors among small cell lung cancer (SCLC) patients: clinical features from a real-world cohort Anna Salina (Riga, Latvia), Anna Janiceva, Anna Janiceva, Tina Sparane, Tina Sparane, Valters Viksne, Valters Viksne, Nityanand Jain, Diana Ergle, Diana Ergle	**PA6211**
Young-Onset Lung Cancer in Eastern India: Prevalence, Demographic and Clinico-Radiological Characteristics Mahismita Patro (Bhubaneswar (Odisha), India), Prasanta Raghab Mohapatra, Pritinananda Mishra, Sourin Bhuniya, Manoj Kumar Panigrahi, Shakti Bal, Mukund N Sable, Saroj Kumar Dasmajumdar, Sourav Kumar Mishra, Madhabananda Kar, Sudipta Mahakud, Akshaya Moorthy, Amanpreet Kaur, Subarna Acharya, Swadesh Kumar, Supantha De, Aneri Parekh, Siddharth Singh, Nilava Banerjee, Ayushi Trehan, Shalini Lobiyal, Jyothish Kuniyil, Subham Sahoo	**PA6212**

Association between sleep quality and anxiety-depression in patients with stage IV lung cancer PA6213
Bochra Karaborni (Tunis, Tunisia), Hadhemi Rejeb, Ala Rahmouni, Ghada Berkaoui, Dorra Greb, Ines Akrout, Hejer Abdelghaffar, Hela Hassen, Hanene Smadhi, Hela Kamoun, Leila El Fekih

Factors influencing survival and treatment selection in elderly patients with lung cancer PA6214
Tiva Nemanič (Ljubljana, Slovenia), Mateja Marc Malovrh

Factors associated with mortality for patients with malignant pleural effusions: A retrospective study. PA6215
Wai Yinn Liew (Singapore, Singapore), Aaron Tay How Tan, Rachel Aik Tiam Quek, Jing Wei Lee, Xiao Na Wang, Glenn Khai Wern Yong

Determinants of diagnostic intervals in a lung cancer consult pathway: a retrospective study in Spain PA6216
Juan Manuel Mejia Romero (Cordoba, Spain), Maria Luisa Gonzalez Vicente, Cristina Villalba Moral, Alicia Saavedra Villafruela, Cristina Gómez Rebollo, Marisol Arenas de Larriva

PS-32 Session 533 12:30 - 14:00

Poster session: Immunological mechanisms in pulmonary fibrosis

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology Pulmonary function testing General respiratory patient care Physiology Imaging Endoscopy and interventional pulmonology

Tag(s) : Basic science

Chairs : Alina Liedtke (Oxford, United Kingdom), Maria Otaola (Ciudad Autónoma Buenos Aires, Argentina), Elisabetta Renzoni (London, United Kingdom)

Late Breaking Abstract - Inhaled LTI-03 for idiopathic pulmonary fibrosis: a randomized dose escalation study PA6217
Phil Molyneaux (London, United Kingdom), Philip L. Molyneaux, Nikhil A. Hirani, Collin C.K. Chia, Tejaswini Kulkarni, Tanzira Zaman, Robert J. Kaner, Ana Lucia Coehlo, Yago Amigo Pinho Jannini-Sa, Brian Windsor, Sydney Kruger, Dale J. Christensen, Steven A. Shoemaker, Cory M. Hogaboam, BreAnne MacKenzie, Andreas Günther

Peripheral CD71-negative monocytes in Idiopathic Pulmonary Fibrosis exhibit reduced activation and are unlikely precursors of CD71-negative alveolar macrophages PA6218
Niamh Boyle (Dublin, Ireland), Helen O'Brien, Donal O'Malley, Atia Batool, Megan McKean, Madita Hovel, Sarah H. Forde, Ilias Dimeas, Kathryn Duvall, Julie C. Worrell, Michael P. Keane, Cormac Mc Carthy, Adam J. Byrne

CD163-HLA-DRlo Monocytes and Alveolar Macrophages are increased in frequency in Idiopathic Pulmonary Fibrosis PA6219
Megan McKean (Dublin, Ireland), Kathryn Duvall, Julie C. Worrell, Niamh Boyle, Helen O'Brien, Donal O'Malley, Atia Batool, Sarah H. Forde, Lisha Joshi, Ronan Murray, Cormac McCarthy, Adam J Byrne, Peter Doran

Contribution of IL-11 to monocyte immunomodulation in fibrotic ILD PA6220
Diego Castillo Villegas (Barcelona, Spain), Ruben Osuna-Gómez, Marta Hernández, Maria Mulet, Joel Francesqui, Sara Roman-Palomares, Douglas Brough, Helen Sabzevari, Roshanak Semnani, Silvia Vidal

Selective RORα Inverse Agonism: A Novel Therapeutic Target in Idiopathic Pulmonary Fibrosis PA6221
Eliza Tsitoura (Heraklion (Crete), Greece), Eleni M. Ladopoulou, Espen Schallmayer, Ioanna Kalogeropoulou, Stefanos Smyrniotis, Marilena Lourou, Carina Fischer, Elli-Anna Stylianaki, Anastasios V. Koutsopoulos, Michalis Papadourakis, Antreas Afantitis, Skarlatos G. Dedos, Henrik Oster, Vassilis Aidinis, Katerina M. Antoniou, Daniel Merk, Alexios N. Matralis

Phenotypic and functional characterization of primary lung fibroblasts from cryobiopsy of patients with idiopathic pulmonary fibrosis PA6222
Anna Valeria Samarelli (Modena, Italy), Giulia Raineri, Roberto Tonelli, Alessandro Marchioni, Antonio Moretti, Luca Tabbì, Filippo Azzali, Matteo Costantini, Albino Eccher, Alessandro Stefani, Gloria Vitaggio, Adriana Scamporlino, Sara Tomassetti, Giulia Favarato, Giulia Bruzzi, Filippo Gozzi, Dario Andrisani, Giulia Grisendi, Ilenia Matsrolia, Tiziana Petrachi, Marta Calabria, Virginia Catani, Valentina Masciale, Chiara Chiavelli, Fabio Lepore, Federica Andolfi, Massimo Dominici, Stefania Cerri, Enrico Clini

Spatial and Temporal Multi-Omics Changes Between Central Non-fibrotic and Peripheral Fibrotic Lung Regions in Experimental Pulmonary Fibrosis PA6223
Cheng Zhang (Beijing, China), Jing Gao, Yuan Zhang, Duo-fang Wang, Lan Huang, Zhou-tai Chai, Hua-xiu Ma, Yu-yuan Liu, Shenming Wu, Chuanxing Li, Hui Cai, Xiao-jun Wang

Role of remote ischemic conditioning in mitigating diesel exhaust-induced pulmonary fibrosis PA6224
Swati Kumari (Delhi, India), Kaushlendra Mishra, Aastha Mishra

Surfactant lipid profiles distinguish Idiopathic pulmonary fibrosis **PA6225**
Emily Krantz (Göteborg, Sweden), Spela Kokel, Sanna Kjellberg, Mats Josefsson, Anna-Carin Olin

Peripheral T-cell differentiation in patients with idiopathic pulmonary fibrosis **PA6226**
Nicol Bernardinello (Torri Di Quartesolo, Italy), Gioele Castelli, Giorgia Puddu, Edoardo Zanzo, Maria Conti, Elisabetta Cocconcelli, Simonetta Baraldo, Graziella Turato, Erica Bazzan, Elisabetta Balestro, Paolo Spagnolo

LSC - 2026 - Coordinated upregulation of PD-1 and TIGIT reflects systemic T-cell exhaustion i n Idiopathic Pulmonary Fibrosis **PA6227**
Sara Gangi (siena, Italy), Laura Bergantini, Irene Paggi, Paolo Cameli, Miriana D'Alessandro, Elena Bargagli

Systemic cytotoxic immune exhaustion in IPF: resistance to PD-1 blockade and nintedanib **PA6228**
Sara Gangi (siena, Italy), Laura Bergantini, Irene Paggi, Giulio Natalello, Paolo Cameli, Elena Bargagli

Distinct pulmonary macrophage subpopulations in human lungs identified by single-cell analysis **PA6229**
Sarah H. Forde (Dublin, Ireland), Megan McKean, Helen O'Brien, Atia Batool, Niamh Boyle, Donal O'Malley, Julie C. Worrell, Kathryn Duvall, Madita Hovel, Lisha Joshi, Michael P. Keane, Adam J. Byrne, Cormac McCarthy

Targeted immunotherapy rescues pulmonary fibrosis by reducing aberrant basal cells **PA6230**
Xinyi Chen (Hangzhou, China), Songmin Ying

Protective effects of Ephedra alata on bleomycin-induced pulmonary fibrosis through oxidative stress attenuation and gut microbiota modulation in rats **PA6231**
Anouar Abidi (Tunis, Tunisia), Naoures Ochi, Houcem Sammeri, Hichem Sebai

Study on the effect and mechanism of Dehydroevocorine on pulmonary fibrosis **PA6232**
Liping Lei (Guilin, China), Dong Yao, Bo Xiao, Biwen Mo

Integrative microscale imaging and single cell multiomics characterization of vascular remodeling in idiopathic pulmonary fibrosis **PA6233**
Huijuan Wang (Bern, Switzerland), Daisuke Yamada, Adam Szmul, Janik Riese, Ryoko Egashira, Shahab Aslani, Daryl Cheng, Yunjie Chen, Rahel Bodenmann, Matthias Brunner, Birger Tielemans, Joseph Brunet, Theresa Urban, Alexandre Bellier, Hector Dejea, Paul Tafforeau, Jose Manuel Brenesl, Jeroen MH Hendriks, Thérése S Lapperre, Claire Walsh, Danny Jonigk, Lavinia Neubert, Christopher Werlein, Hinrich Freitag, Sabine Dettmer, Jonas C Schupp, Mark G. Jones, François Michel Carlier, Peter Lee, Maximilian Ackermann, Stijn E Verleden, Janine Gote-Schniering, Joseph Jacob

Breathprint-based discrimination between idiopathic pulmonary fibrosis and autoimmune usual interstitial pneumonia using principal component and discriminant analysis **PA6234**
Silvano Dragonieri (Bari (BA), Italy), Marcin Di Marco, Vitaliano Nicola Quaranta, Dario D'amato, Anna Violante, Andrea Pagliara, Andrea Portacci, Eustachio Ricciardi, Maria Rosaria Vulpi, Luciana Labate, Agnese Caringella, Alessio Marinelli, Giovanna Elisiana Carpagnano

Lung cancer and ILD: a multicentre retrospective cohort study **PA6235**
Joshua Harridine (Birmingham, United Kingdom), J Adizie, L Green, E Briggs, D Viswam, C Walker, G Walters, C Huntley

The Prognostic Value of Combined Inflammatory and Nutritional Biomarkers in Idiopathic Pulmonary Fibrosis: Preliminary results **PA6236**
Özge Oral Tapan (Mugla, Türkiye), Utku Tapan, Mehmet Ercan Arslan, Ozlem Sengoren Dikis, Sabri Serhan Olcay

PS-33 Session 534 12:30 - 14:00

Poster session: New diagnostic tools in pulmonary fibrosis

Disease(s) : Interstitial lung diseases Respiratory critical care

Method(s) : Cell and molecular biology Imaging General respiratory patient care Public health Pulmonary function testing Epidemiology Physiology Endoscopy and interventional pulmonology

Tag(s) : Basic science, Clinical

Chairs : Ewa Miądlikowska (Łódź, Poland), Alexandre Franco Amaral (São Paulo (SP), Brazil), Raphaël Borie (Paris, France)

Late Breaking Abstract - Safety and tolerability of nerandomilast in patients with idiopathic pulmonary fibrosis (IPF) and progressive pulmonary fibrosis (PPF): data from FIBRONEER-ON **PA6237**
Wim A. Wuyts (Leuven, Belgium), Shervin Assassi, Arata Azuma, Vincent Cottin, Anna-Maria Hoffmann-Vold, Michael Kreuter, Justin M. Oldham, Claudia Valenzuela, Marlies S. Wijsenbeek, Daniel Wachtlin, Marie-Nicole Theodorakis, Madhu Kanakapura, Gerrit Weimann, Toby M. Maher

Unsupervised clustering of eNose data identifies distinct phenotypes in pulmonary fibrosis Bart J. Formsma (Rotterdam, Netherlands), Marlies S. Wijsenbeek, Michael Kreuter, Iris G. van der Sar, Leda Yazbeck, Markus Polke, Vincent Cottin, Tamera J. Corte, Mymy Tran, Philip L. Molyneaux, Catharina C. Moor	**PA6238**
AI-Enhanced Modified GAP Index Integrating Quantitative CT for Prognostic Assessment in Idiopathic Pulmonary Fibrosis Emine bensu Erdemir (Istanbul, Türkiye), Gorkem Durak, Sule Gumurdu, Deniz Sobayapan, Sukru mehmet Erturk, Ulas Bagcı, Gulfer Okumus, Zuleyha Bingol	**PA6239**
Mass spectrometry imaging of nintedanib and nerandomilast in normal and fibrotic mouse lungs and extrapulmonary organs Seidai Sato (Tokushima, Japan), Takushi Yamamoto, Yuki Morimoto, Hiroki Bando, Nguyen Cam Yen, Trang Thi Hong Phuong, Nandin-Erdene Danzan, Takeshi Imakura, Keiko Haji, Nobuhito Naito, Hiroshi Kawano, Yasuhiko Nishioka	**PA6240**
FAPI PET/CT discriminates disease activity in fibrotic interstitial lung diseases Benjamin Bondue (Bruxelles, Belgium), Anne-Leen Deleu, Ani Garabet, Bastien Lesire, Zena Wimana, Loubna Taraji, Salma Nisar, Mohammad Y assine Cherif, Pascale Bohy, Alessandra Cardozo, Patrick Flamen	**PA6241**
Clinical significance of three-dimensional computed tomography derived lower lobe volume ratio in early-stage idiopathic pulmonary fibrosis Yoshiaki Zaizen (Kurume, Japan), Tomonori Chikasue, Kenji Tsumura, Midori Zaizen, Masayuki Watanabe, Masaki Tominaga, Noriho Sakamoto, Hiroshi Mukae, Kiminori Fujimoto, Tomoaki Hoshino	**PA6242**
Clinical severity scoring and one-year survival in idiopathic pulmonary fibrosis cohort Oksana Karasova (Dnipro, Ukraine), Viktoria Rodionova, Hanna Karasova, Lubov Moiseeva, Julia Suprunenko, Yesenia Tarasova	**PA6243**
Transthoracic lung ultrasound as a screening tool for interstitial lung disease: a retrospective single-centre analysis Hanna Jagielska-Len (Zielona Góra, Poland)	**PA6244**
Epidemiology, outcomes, and prognostic determinants in a Tunisian cohort with chronic interstitial lung disease Imen Guedri (Monastir, Tunisia), Sara Trimech, Ines Moussa, Khouloud Chaabi, Asma Guirati, Leila Douik El Gharbi	**PA6245**
Using home monitoring to assess lung function trajectories in pulmonary fibrosis: 1-year data from the international, patient-led I-FILE registry Ilayda Aydemir (Rotterdam, Netherlands), Catharina C. Moor, Gizal Nakshbandi, Rémy L.M. Mostard, Wim A. Wuyts, Vincent Cottin, Michael Kreuter, Markus Polke, Katharina Buschulte, Peter Saunders, Katerina Antoniou, Antoine Froidure, Hans Slabbynck, Anna-Maria Hoffmann-Vold, Michael T. Durheim, Anneke van Veen, Delian E. Hofman, Hilde J. Bjørkekjær, Madelon C Vonk, Zoe Daniil, Lisa Spencer, Philippe Bonniaud, Grégoire Prévot, Philip L. Molyneaux, Marlies S. Wijsenbeek	**PA6246**
Evaluation of lung function measured by oscillometry in patients with interstitial lung abnormalities (ILA) Lucia Gómez Martin-Caro (Madrid, Spain), Cristina Matesanz López, Fernando Octavio Cárdenas Pareja, Paula Martín Almazán, Lenin Santiago Almeida Moreno, Sonia Pascual García, Jose Manuel Padilla Brito, Celia María Pinedo Sierra, María Asunción Nieto Barbero	**PA6247**
Impulse oscillometry-detected small airway dysfunction in ILD: relationships with lung function, symptoms' burden and quality of life. Noemi Preziosi (Roma, Italy), Francesca Lalla, Stefania Grella, Luca Richeldi, Giacomo Sgalla	**PA6248**
Tidal volume in idiopathic pulmonary fibrosis: restriction severity and prognostic information beyond forced vital capacity Ekaterina Krauss (Giessen, Germany), Silke Tello, Til Karsten Spreuer, Katharina Wendlandt, Ayca Tunay, Poornima Mahavadi, Carlo Vancheri, Maria Molina Molina, Bruno Crestani, Andreas Guenther	**PA6249**
Incremental prognostic value of cardiopulmonary exercise testing beyond GAP staging in idiopathic pulmonary fibrosis Michaël Staes (Leuven, Belgium), Wim A Wuyts, Laurens J De Sadeleer, Nico De Crem, Catharina Belge, Maarten De Vos, Thierry Troosters, Wim Janssens	**PA6250**
Diagnostic utility of BAL in patients with suspected IPF: a retrospective study Andreas Renner (Wien, Austria), Maximillian Gysan, Maria Sanzharovskaya, Anastasia Papaporfyriou, Silvia Lee, Antje Lehmann, Zahra Kargarpour, Markus Kramer, Seda Metekol, Ruxandra-Iulia Milos, Lucian Beer, Helmut Prosch, Ahmed El-Gazzar, Daniela Gompelmann, Marco Idzko	**PA6251**

The utility of cryobiopsy in the classification of interstitial pneumonia with autoimmune features — **PA6252**
Hiroe Aramaki (Kanazawa-ku, Yokohama-shi, Kanagawa, Japan), Tomohisa Baba, Tomoe Sawazumi, Tae Iwasawa, Tamiko Takemura, Yurina Takahata, Akihiro Kanzawa, Masashi Sakayori, Tsuneyuki Oda, Takashi Ogura

Plasma proteomic subphenotypes suggest shared molecular states in usual interstitial pneumonia of different aetiologies — **PA6253**
Mingrui Wan (Yinchuan, China), Ruonan Lv, Fang Ma, Shuni Wang, Yanan Zhang

Multimodal AI reveals clinical–radiologic discordance in pulmonary fibrosis — **PA6254**
Constantin Ghimuş (Iasi, Romania), Paraschiva Postolache, Mara-Amalia Bălteanu, Ionela Alina Croitoru

Baseline neutrophils and neutrophil-to-lymphocyte ratio as predictor of disease outcomes in idiopathic pulmonary fibrosis: A Monocentric Retrospective Study — **PA6255**
Laura Napoli (palermo, Italy), Giorgio Monteleone, Rosangela Di Liberti, Nicola Scichilone, Riccardo Messina

Expert ILD review improves diagnostic confidence and reduces unclassifiable disease in fibrotic ILDs — **PA6256**
Athina Trachalaki (London, United Kingdom), Maria Kokosi, Felix Chua, Vasileios Kouranos, Elisabetta Renzoni, Sujal Desai, Anand Devaraj, Peter George, Athol Umphrey Wells

PS-34 Session 535 12:30 - 14:00

Poster session: Biomarkers in pulmonary fibrosis

Disease(s) : Interstitial lung diseases

Method(s) : General respiratory patient care Imaging Pulmonary function testing Physiology Respiratory intensive care Pulmonary rehabilitation Cell and molecular biology Public health Epidemiology

Tag(s) : Translational

Chairs : Julien Guiot (Liège, Belgium), Fernanda Ines Hernandez Gonzalez (Barcelona, Spain), Jonathan Goldin (Los Angeles, California, United States)

Late Breaking Abstract - Real-World Correlations Between FVC Decline and Symptom Burden in Progressive Fibrosing ILD: Findings from the INCHANGE Study of Nintedanib — **PA6257**
Claudia Lucia Toma (Bucharest, Romania), Katrin Esther Hostettler, Lyubima Kyoseva, Maria Sanzharovskaya, Martina Sterclova, Vivien-Charlott Stadler, Madina Bogazova, Katarzyna Górska

Serum KL-6 Level at Admission Predicts the Risk of Mechanical Ventilation and Mortality in Hospitalized Patients with Interstitial Lung Disease: A Single-Center Prospective Observational Study — **PA6258**
Xing He (Chengdu, China), Shijie Zhang, Jiao Wang, Jibo Sun, Jiaqi Ji, Liqing Yang, Lu Guo

12-week dynamics of serum KL-6 predict prognosis and reflect antifibrotic response in interstitial lung disease: a prospective cohort study — **PA6259**
Xing He (Chengdu, China), Jiao Wang, Jibo Sun, Jiaqi Ji, Liqing Yang, Shijie Zhang, Lu Guo

Prognostic evaluation of DO-GAP Index in Systemic Autoimmune Rheumatic Disorder with interstitial lung disease (SARD-ILD) — **PA6260**
Fabio Perrotta (Naples, Italy), Domenica Francesca Mariniello, Vito D'agnano, Raffalla Pagliaro, Gaetano Rea, Daniela Iacono, Vasiliki Liakouli, Francesco Ciccia, Fabrizio Luppi, Andrea Bianco, Marco Sebastiani

A Single Time Point Imaging Biomarker for Predicting Progression in Interstitial Lung Abnormalities — **PA6261**
Ju hyun Oh (Suwon-si, Republic of Korea), Jin-Young Huh, Kyung-Il Han, Grace Hyun J. Kim, Pang Yu Teng, Jin Woo Song

Analyses of patient-reported outcomes as predictor of progression-free survival in patients with mild to moderate fibrosing interstitial lung disease — **PA6262**
Koshiro Ono (Fukuoka, Japan), Masaki Okamoto, Toyoshi Yanagihara, Yoshiaki Zaizen, Kiminori Fujimoto, Tomonori Chikasue, Akiko Sumi, Kazuhiro Tabata, Masaki Tominaga, Norikazu Matsuo, Takashi Nouno, Tomoaki Hoshino

Early change in quantitative CT biomarkers is associated with future FVC decline in patients with progressive pulmonary fibrosis; a post-hoc analysis of the INBUILD Study — **PA6263**
Peter George (London, United Kingdom), Susanne Stowasser, Eric White, Carina Ittrich, Anand Devaraj, Frank Risse

ILD-GAP Stage Is More Strongly Associated with Survival than Diagnostic Category (IPF, PPF and Non-PPF) in Fibrotic ILD — **PA6264**
Line Kølner-Augustson (Vejle, Denmark), Malene Knarborg, Nanna Makholm Østergård, Thomas Prior, Jesper Rømhild Davidsen, Saher Burhan Shaker, Elisabeth Bendstrup, Anders Løkke, Ole Hilberg

Clinical significance of serum KL-6 in Fibrotic Interstitial Lung Diseases — **PA6265**
Maria Kokosi (London, United Kingdom), Eirini Vasarmidi, Athina Trachalaki, Carmel Stock, Vasileios Kouranos, Elisabetta Renzoni, Felix Chua, Simon Bax, Richard Hewitt, Nikolaos Tzanakis, Peter George, Athol Wells, Katerina Antoniou

Elevated serum AREG levels are associated with disease severity and increased mortality in non-IPF interstitial lung disease — **PA6266**
Rui Zhao (Beijing, China), Guowu Wang, Wenyan Meng, Xueying Chen, Jing Geng, Ying Wang, Zheng Wang, Huaping Dai, Nan Tang

Diagnostic and prognostic value of serum KL-6 in rheumatoid arthritis–associated interstitial lung disease — **PA6267**
Mohammad Gamal Abdalrahman Khalaf (Assiut, Egypt), Safaa Abdelgayed Eid, Nada Abdelhameed, Ahmed Hafez, Sayed Ahmed, Mohammad Khalaf

Protein biomarkers in patients with progressive pulmonary fibrosis (PPF) with preserved FVC — **PA6268**
Jamie L. Todd (Durham, NC, United States), Hillary Mulder, Megan L Neely, Michael T Durheim, Scott M Palmer, Divya C Patel, Aparna C Swaminathan, Christian Hesslinger, Thomas Schlange

Validation of the 6MWT ODDS score for long term outcomes across interstitial lung diseases — **PA6269**
Lucy Robertson (Cambridge (Cambridgeshire), United Kingdom), Helen Parfrey, Gauri Saini, Muhunthan Thillai, Benjamin Knox-Brown

Blood trypsin-like activity thresholds for severe fibrotic lung involvement prediction — **PA6270**
Oksana Karasova (Dnipro, Ukraine), Viktoria Rodionova, Lubov Moiseeva, Julia Suprunenko, Yesenia Tarasova, Olena Khmel, Hanna Karasova

Correlation of Spirometry & Impulse Oscillometry metrics in patients with interstitial lung disease: A cross-sectional study — **PA6271**
Piyush Garg (Cheeka (Haryana), India), Sheetu Singh

Impact of anti-Ro52 antibody on clinical outcomes in patients with interstitial lung diseases — **PA6272**
Praewa Tantisungvarakoon (Bangkok, Thailand)

Biomarkers in the diagnosis and follow-up of interstitial lung diseases — **PA6273**
Dila Araci Comert (Mersin, Türkiye), Rojda Tanriverdi, Lulufer Tamer, Damla Hazal Sucu, Bahar Ulubas

Pulmonary function before and after antifibrotic therapy in anti-ARS antibody-positive ILD: a single-centre retrospective study — **PA6274**
Yasuhiko Yamano (Nagakute, Japan), Naoko Kawakata, Reoto Takei, Satoshi Hagimoto, Jun Fukihara, Hajime Sasano, Kensuke Kataoka, Tomoki Kimura, Yasuhiro Kondoh

The predictive value of small airway function assessment in interstitial lung disease — **PA6275**
Xue Tian (shanghai, China), Yuning Huang, Zhou Yan, Xue Zhang, Min Zhang

Patient-Reported Experiences of Pulmonary Fibrosis in the UK: The role of sex and disease subtypes in symptomology, diagnosis and care — **PA6276**
Bradley Price (Peterborough, United Kingdom), Georgie Massen, Lisa Murray, Nazia Chaudhuri

PS-35 Session 536 12:30 - 14:00

Poster session: Exposure-related interstitial lung diseases

Disease(s) : Interstitial lung diseases, Thoracic oncology

Method(s) : Endoscopy and interventional pulmonology, General respiratory patient care, Imaging, Pulmonary function testing, Epidemiology, Physiology, Respiratory intensive care, Public health, Surgery, Cell and molecular biology

Tag(s) : Clinical

Chairs : Laurens De Sadeleer (Leuven, Belgium), Fabio Perrotta (Naples, Italy), Aysu Sinem Koç (Istanbul, Türkiye)

Late Breaking Abstract - Aggressive silicosis in young adults: clinical and radiological spectrum of artificial stone exposure — **PA6277**
ling mao (Shanghai, China), Limin Huang, Shaowei Zhou, Zidan Chen, Luqin Bian, Jin Shi, Minqi Liu

Drug-Induced Diffuse Interstitial Lung Diseases Associated with Oncologic Therapies: A Prospective Observational Study in a Tertiary Care Center — **PA6278**
Marta Andreu Casas (Barcelona, Spain), David Espejo Castellanos, María Florencia Pilia, Antia Ferreiro Posse, Christian Romero Mesones, David Clofent, Nuria Pardo Aranda, Irene Sansano, Ivan Vollmer Torrubiano, Ana Villar Gomez, María Jesús Cruz Carmona, Xavier Muñoz Gall, Iñigo Ojanguren Arranz

Exposure-Efficacy Analyses of Nintedanib in Interstitial Lung Disease Patients : Kinetic Population Pharmacodynamic Study Amonsak Prakobsangsuay (Bangkok, Thailand), Tananchai Petnak, Prawat Chantharit	**PA6279**
Does the 12-month PPF progression window hold up? Time-to-FVC decline and mortality in fibrotic hypersensitivity pneumonitis James Tadjkarimi (London, United Kingdom), Evelyn Lynn, Athina Trachalaki, Elisabetta Renzoni, Simon Bax, Richard Hewitt, Gisli Jenkins, Peter George, Carmel Stock, Athol Wells	**PA6280**
A dynamic staging system, integrating baseline severity and short-term lung function trends in fibrotic hypersensitivity pneumonitis Athina Trachalaki (London, United Kingdom), Punchalee Kaenmuang, James Tadjkarimi, Maria Kokosi, Felix Chua, Vasileios Kouranos, Richard Hewitt, Simon Bax, Gisli Jenkins, Peter George, Elisabetta Renzoni, Athol U. Wells	**PA6281**
Transbronchial lung cryobiopsy in fibrotic hypersensitivity pneumonitis: prognostic differences and intra-lobar variability Takashi Okuma (Tokyo, Japan), Ryo Okuda, Tamiko Takemura, Tomoe Sawazumi, Akimasa Sekine, Tae Iwasawa, Eri Hagiwara, Shinji Abe, Takashi Ogura	**PA6282**
Long-term efficacy and safety of azathioprine in hypersensitivity pneumonitis: a five-year retrospective study Inês Maria Brito Gonçalves (Arcos De Valdevez, Portugal), Joana Vieira Naia, Diana Pimenta, Mariana Serino, Rui Rolo, David Coelho, André Terras Alexandre, Natália Melo, Hélder Novais Bastos, Patrícia Caetano Mota, António Morais	**PA6283**
Immune checkpoint inhibitor–related pneumonitis: a multicentre retrospective case–control study Candela Serra (Vic, Spain), Pere Roura-Poch, Nuria Roger-Casals, Samantha Aso-González, Pau Cruzado-Boix, Joel Francesqui, Marta Hernández-Marcos, Juan Rigual Bobillo, Ana Jaureguizar Oriol, Carmen Centeno Clemente, Karina Portillo, Noemí Reguart, Jacobo Sellares	**PA6284**
Genetic status of microsatellite instability (MSI) : impact on the occurrence of immune-related pulmonary adverse events (irAES) during treatment of metastatic colorectal cancers (mCRC) by immune checkpoint inhibitors (ICIs). Ingrid Berger (Paris, France), Thomas Maitre, Thierry Andre, Anthony Canellas, Samia Boussouar, Romain Cohen, Jacques Cadranel	**PA6285**
Regional Variability in Diagnostic Approaches to Hypersensitivity Pneumonitis: Results From A National Multicenter Real-World Cohort (TURK-HP) Ramazan Eren (Eskisehir, Türkiye), Mehmet Atilla Uysal, Gülru Polat, Derya Kocakaya, Erdogan Cetinkaya, Oguz Uzun, Aykut Cilli, Kemal Can Tertemiz, Ozlem Ercen Diken, Nesrin Ocal, Fatih Uzer, Funda Coskun, Baris Demirkol, Omer Ozbudak, Fatma Arslan, Gulfer Okumus, Zuleyha Bingol, Gokhan Altan, Sule Akbulut, Ilknur Basyigit, Serap Argun Baris, Gulsah Gunluoglu, Ismail Hanta, Pelin Pınar Deniz, Ozlem Ozdemir Kumbasar, Fulsen Bozkus, Gamze Kirkil, Ayse Havan, Derya Dogan, Sevda Sener Comert, Ipek Candemir, Esra Arslan Aksu, Sibel Nayci, Sule Gul, Sehnaz Olgun Yıldızeli, Aycan Yuksel, Birsen Pınar Yıldız, Elif Yıldırım, Olcay Aycicek, Pınar Yıldız Gulhan, Burcu Baran, Busra Adiguzel Gundogdu, Emine Serap Yilmaz, Merve Sari Akyuz, Talat Kilic, Celalettin Korkmaz, Dildar Duman, T. TURK-HP Study Group, Eylem Sercan Ozgur, Elif Yelda Ozgun Niksarlioglu	**PA6286**
Regional Differences in Exposure Histories Among Patients Diagnosed with Hypersensitivity Pneumonitis: A Subgroup Analysis of TURK-HP Study Büsra Adigüzel Gündogdu (samsun, Türkiye), Elif Yelda Özgun Niksarlıoğlu, Atilla Uysal, Burcu Baran, Nazlı Çetin, Erdoğan Çetinkaya, Aykut Çilli, Kemal Can Tertemiz, Özlem Erçen Diken, Nesrin Öcal, Fatih Uzer, N.Funda Coşkun, Barış Demirkol, Ömer Özbudak, Fatma Arslan, Gülfer Okumuş, Züleyha Bingöl, Ramazan Eren, Gökhan Altan, Şule Akbulut, Gülru Polat, İlknur Başyiğit, Serap Argun Barış, Gülşah Günlüoğlu, İsmail Hanta, Pelin Pınar Deniz, Ozlem Özdemir Kumbasar, Fulsen Bozkuş, Gamze Kırkıl, Sevda Cömert, Derya Doğan, Ayşe Havan, İpek Candemir, Esra Arslan Aksu, Sibel Naycı, Şule Gül, Şehnaz Olgun Yıldızeli, Aycan Yüksel, Pınar Yıldız, Elif Yıldırım, Olcay Ayçiçek, Pınar Yıldız Gülhan, Derya Kocakaya, Emine Serap Yılmaz, Merve Sarı Akyüz, Talat Kılıç, Celalettin Korkmaz, T Turk-HP Study Group, Eylem Sercan Özgür, Oguz Uzun	**PA6287**

Antifibrotic Use in Hypersensitivity Pneumonitis: Real-World Data from a Subgroup Analysis of the TURK-HP Cohort — **PA6288**
Elif Yelda Ozgun Niksarlioglu (Istanbul, Türkiye), Gökhan Altan, Ramazan Eren, Büşra Adıgüzel Gündoğdu, Atilla Uysal, Serhat Erol, Burcu Baran, Erdoğan Çetinkaya, Oğuz Uzun, Aykut Çilli, Kemal Can Tertemiz, Özlem Erçen Diken, Nesrin Öcal, Fatih Üzer, Funda Çoşkun, Barış Demirkol, Ömer Ozbudak, Fatma Arslan, Gülfer Okumuş, Şule Akbulut, Gülru Polat, İlknur Başyiğit, Serap Argun Barış, Gülşah Günlüoğlu, İsmail Hanta, Pelin Pınar Deniz, Özlem Özdemir Kumbasar, Fulsen Bozkuş, Gamze Kırkıl, Ayşe Havan, Derya Doğan, Sevda Comert, İpek Candemir, Esra Arslan Aksu, Sibel Atış Naycı, Şule Gül, Şehnaz Olgun Yıldızeli, Aycan Yüksel, Birsen Pınar Yıldız, Elif Yıldırım, Olcay Ayçiçek, Pınar Yıldız Gülhan, Derya Kocakaya, Emine Serap Yılmaz, Merve Sarı Akyüz, Talat Kılıç, Celalettin Korkmaz, T T. Turk-HP Study Group, Eylem Sercan Özgur, Züleyha Bingöl

Serum precipitins as predictors of mortality in hypersensitivity pneumonitis: a double-center retrospective observational study — **PA6289**
Giorgio Monteleone (Essen, Germany), Tommaso Pianigiani, Gioia Passarello, Eda Boerner, Elena Bargagli, Paolo Cameli, Francesco Bonella

Prognostic impact and factors associated with steroid-responsiveness in patients with hypersensitivity pneumonitis — **PA6290**
Umberto Zanini (monza, Italy), Alice Biffi, Sofia Maria Mazzotta, Giovanni Franco, Sara Conti, Lorenzo Giovanni Mantovani, Fabrizio Luppi, Paola Faverio

Polyester pillows as a novel cause of non-fibrotic hypersensitivity pneumonitis — **PA6291**
Sulaiman AlGabbas (Kingston, Canada), Onofre Moran-Mendoza, Mariah Obino

Clinical, radiological and regional characteristics of hypersensitivity pneumonitis:The Turkish national cohort (TURK-HP study) — **PA6292**
Elif Yelda Ozgun Niksarlioglu (Istanbul, Türkiye), Ramazan Eren, Gökhan Altan, Büşra Adıgüzel Gündoğdu, Atilla Uysal, Gülru Polat, Nazlı Çetin, Erdoğan Çetinkaya, Oğuz Uzun, Aykut Çilli, Kemal Can Tertemiz, Özlem Erçen Diken, Nesrin Öcal, Fatih Uzer, Funda Coşkun, Barış Demirkol, Ömer Özbudak, Fatma Arslan, Gülfer Okumuş, Züleyha Bingöl, Şule Akbulut, İlknur Başyiğit, Serap Argun Barış, Gülşah Günlüoğlu, Ismail Hanta, Pelin Pınar Deniz, Özlem Özdemir Kumbasar, Fulsen Bozkuş, Gamze Kırkıl, Sevda Şener Cömert, Ayşe Havan, Ipek Candemir, Esra Arslan Aksu, Sibel Atış Naycı, Şule Gül, Şehnaz Olgun Yıldızeli, Aycan Yüksel, Birsen Pınar Yıldız, Elif Yıldırım, Olcay Ayçiçek, Pınar Yıldız Gülhan, Burcu Baran, Derya Kocakaya, Emine Serap Yılmaz, Merve Sarı Akyüz, Talat Kılıç, Celalettin Korkmaz, Dildar Duman, T TURK-HP Study Group, Eylem Sercan Özgür

Factors Associated with Fibrotic and Progressive Phenotypes in Hypersensitivity Pneumonitis — **PA6293**
Aurélien Justet (Caen, France), Juliette Pillard, Frederic Riviere, Laure Seyer, Karine Campbell, Emmanuel Bergot

Real-world safety of nintedanib and pirfenidone — **PA6294**
Maria Luis Silva (Santa Maria da Feira, Portugal), João Macedo, Luís Filipe Silva, Anita Lascasas Trigueira, Lucía Mendez, Francisca Teixeira Lopes, José Coutinho Costa, Jorge Ferreira

Contribution of Amiodarone Lymphocyte Proliferation Test to Diagnostic Confidence in Suspected Amiodarone Pulmonary Toxicity — **PA6295**
Louis Jouanjan (Freiburg, Germany), Louis Jouanjan, Prerana Agarwal, Pepa Nikova, Eleni Papakonstantinou, Gernot Zissel, Daiana Stolz, Björn C. Frye

Late Breaking Abstract - Endothelial miR-205-5p overexpression promotes pro-fibrotic signaling through NFIB repression in pulmonary fibrosis — **PA6296**
Giuseppe Muscato (Catania, Italy), Benjamin B. Roos, Sharonda Harris, Che Wen, Ahmed A. Raslan, Carlo Vancheri, Giovanni Ligresti, Nunzia Caporarello

PS-36 Session 537 12:30 - 14:00

Poster session: Novel findings from translational research in sarcoidosis

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology Physiology General respiratory patient care Epidemiology Public health Imaging Pulmonary function testing

Tag(s) : Translational

Chairs : Antje Prasse (Hannover, Germany), Maximilian Gysan (Wien, Austria), Sugeesha Wickramasinghe (Kadawath, Sri Lanka)

Single-cell transcriptomic profiling reveals distinct alveolar immune microenvironment signatures in pulmonary sarcoidosis — **PA6297**
Dingyuan Jiang (Beijing, China), Huaping Dai

Pathological and therapeutic validation of an in vitro sarcoidosis granuloma model Keisuke Kasuga (Mitaka city, Tokyo, Japan), Ken Shirato, Junri Hayakawa, Kei Kozuka, Masaoki Saito, Hiroki Nunokawa, Jumpei Aso, Mitsuru Sada, Keitaro Nakamoto, Takeshi Saraya, Haruyuki Ishii	**PA6298**
Peripheral blood leukocyte telomere length and pulmonary fibrosis in sarcoidosis: cross-sectional study. Karol Bączek (Łódź, Poland), Daria Domańska-Senderowska, Monika Migdalska-Sęk, Anna Litwin, Łukasz Izbiński, Ewa Brzeziańska-Lasota, Wojciech Piotrowski	**PA6299**
Intermediate Monocyte Expansion and Checkpoint Activation in Sarcoidosis: Associations With CD4⁺ T-Cell Phenotypes, Radiological Stage and Lung Function Agata Raniszewska-Borys (Warszawa, Poland), Iwona Kwiecień, Elżbieta Rutkowska, Rafał Sokołowski, Marta Ludwiczak, Karina Jahnz-Różyk, Piotr Rzepecki	**PA6300**
Glutamine metabolic reprogramming of macrophages during granulomatous and fibrotic progression in experimental pulmonary sarcoidosis Dingyuan Jiang (Beijing, China), Yueyin Han, Huaping Dai	**PA6301**
The intricate genetic effects of Vitamin D and related traits on sarcoidosis - A Mendelian Randomization Study Natalia V. Rivera (Stockholm, Sweden), Patrick Ndung'u, Olga Chuquimia, Joanna Werner, Pernilla Darlington, Anders Eklund, Anna Smed-Sörrensen, Susanna Kullberg, Leonid Padyukov	**PA6302**
Association of class II HLA alleles with sarcoidosis disease susceptibility and chronic disease course in India MANDEEP KAUR (CHANDIGARH, India), Amanjit Bal, Pooja Dogra, Ashutosh nath Aggarwal, Sahajal Dhooria	**PA6303**
Decoding granuloma architecture: associations with clinical and functional outcomes in pulmonary sarcoidosis Giacomo Giulianelli (Padova, Italy), Samuela Di Silvestre, Giuseppe Maggioni, Daniele Previtero, Giulio Albano, Giusi L'Abbate, Ilaria Del Gobbo, Elisabetta Balestro, Paolo Spagnolo, Fiorella Calabrese, Nicol Bernardinello	**PA6304**
The Impact of Antifibrotic Therapy on Laboratory and Immunological Parameters in Sarcoidosis Angéla Mikáczó (Debrecen, Hungary), Béla Nagy, Zsófia Zdroba, Marianna Pócsi, Ilona Tornyi, Ildikó Horváth, Attila Lieber	**PA6305**
Differences in the prevalence and implications of bronchoalveolar lavage fluid lymphocytosis in hypersensitivity pneumonitis and sarcoidosis: a retrospective study of 351 subjects Sahajal Dhooria (Chandigarh, India), Nalini Gupta, Mandeep Kaur, Ritesh Agarwal, Ashutosh Nath Aggarwal	**PA6306**
The role of bronchoalveolar lavage and serum pentraxin 3 levels in the diagnosis and monitoring of sarcoidosis Nilgün Yilmaz Demirci (Ankara, Türkiye), Gunel Jeyranova, Elvin Malikov, Ezgi Erdem Türe, Canan Yılmaz	**PA6307**
Exploring the Atherogenic Index of Plasma in Pulmonary Sarcoidosis Mayuri Raje (Belfast, United Kingdom), Rebekah Gilpen, Paul Minnis	**PA6308**
Late Breaking Abstract - Knowing is not enough: The exposure–action gap drives disease flare and survival in Hypersensitivity Pneumonitis Aniket Mondal (Jaipur, India), Sheetu Singh, Ambika Sharma, Nitesh Gupta, Vijay Hadda, Sahajal Dhooria, Avishek Layek, Mansi Gupta, Nishtha Singh, Virendra Singh, Kerri A. Johannson	**PA6309**
Late Breaking Abstract - Variations in current clinical practices in sarcoidosis management across Europe: results from a multinational expert survey Vaiva Kumpauskaitė (Vilnius, Lithuania), Ágnes Bakos, Martha Beis, Elisabeth Bendstrup, Stefania Cerri, Yaroslav Dziublyk, Sigridur Olina Haraldsdottir, Ana Hećimović, Joanna Hermanowicz-Salamon, Ildikó Horváth, Solveiga Jekabsone, Rūta Kibarskytė-Gustainė, Stefano Levra, Ievgeniia Merenkova, Anastasia Mpalasopoulou, Alba Mulet Arabí, Hanna Nurmi, Rita Pinto-Basto, Diana Puipienė, Fabio Luigi Massimo Ricciardolo, Vasiliki Rizopoulou, Doina Rusu, Antti Saarinen, Anna Agnese Stanziola, Irina Strambu, Gabrielė Tarutytė, Ioannis Tomos, Brigid Unim, Giedrė Urbonavičiūtė, Tuula Vasankari, Rolandas Zablockis, Anastasija Zaicenko, Miklós Zsiray, Edvardas Danila	**PA6310**
Late Breaking Abstract - CT Metrics and Pulmonary Function Tests (PFTs) Predict Echocardiographic Pulmonary Hypertension in Sarcoidosis Andy Eyre (Kfar Saba, Israel), Gali Epstein Shochet, Olga Konyukh, Yoram Nueman, David Shitrit	**PA6311**
Late Breaking Abstract - Objective Medication Adherence Associated with Health-Related Quality of Life in Sarcoidosis Michelle Sharp (Baltimore, United States), Kristen Mathias, Cierra Poole, Kevin Psoter, Nancy Lin, Edward Chen, Stephen Mathai, Nisha Gilotra, Michelle Eakin	**PA6312**

Late Breaking Abstract - Thyroid abnormalities in sarcoidosis: prevalence, ultrasound characteristics and disease-related risk factors in a prospective case-control study **PA6313**
Nur Aleyna Yetkin (Kayseri, Türkiye), Fitnat Beyza Karacaglar, Ayşa Hacıoglu, Gülden Baskol, Burcu Baran, Bilal Rabahoglu, Nuri Tutar, İnsu Yılmaz, İnci Gulmez, Fatma Sema Oymak

PS-37 Session 538 12:30 - 14:00

Poster session: Pulmonary hypertension in interstitial lung disease: evolving approaches to diagnosis, imaging, treatment and survival

Disease(s) : Interstitial lung diseases | Pulmonary vascular diseases | Respiratory critical care

Method(s) : General respiratory patient care | Physiology | Pulmonary function testing | Cell and molecular biology | Epidemiology | Imaging | Transplantation

Tag(s) : Clinical, Digital health, Translational

Chairs : Isabel Blanco Vich (Barcelona, Spain), David Montani (Le Kremlin-Bicêtre, France), Sarah Cullivan (Dublin, Ireland)

Late Breaking Abstract - Use of pulmonary vascular volume assessment and emphysema quantification on chest CT to identify pulmonary hypertension in COPD **PA6315**
Shelsey Johnson (Boston, United States), Raul San Jose Estepar, Ruben San Jose Estepar, Bradley Wertheim, Pietro Nardelli, Katarina Zeder, Gabor Kovacs, George Washko, Farbod Rahaghi

Survival in patients with pulmonary hypertension (PH) associated with interstitial lung diseases receiving therapies approved for PH **PA6316**
Segolene Turquier (Lyon, France), Adeline Berthoumieu, Amna Abichou-Klich, Muriel Rabilloud, Remi Diesler, Kais Ahmad, Elise Artaud-Macari, Bruno Degano, Francois Lestelle, Arnaud Maurac, Elise Noel-Savina, Martine Reynaud-Gaubert, Marianne Riou, Julie Traclet, Victor Valentin, Olivier Sitbon, Salim Si-Mohamed, David Montani, Vincent Cottin

Limitations of echocardiography for pulmonary hypertension screening in interstitial lung disease: interim results from the PHINDER study **PA6317**
Claire Thrasher (Research Triangle Park, United States), David Kiely, Aparna Swaminathan, Peter Crossno, Meredith Broderick, Kevin Maher, Franck Rahaghi, Steven Nathan

Clinical and haemodynamic determinants of response to pulmonary vasodilators in pulmonary hypertension associated with interstitial lung disease **PA6318**
Jun Fukihara (Seto, Japan), Ryo Teramachi, Satoshi Hagimoto, Reoto Takei, Hajime Sasano, Yasuhiko Yamano, Toshiki Yokoyama, Fumiko Watanabe, Kensuke Kataoka, Tomoki Kimura, Yasuhiro Kondoh

Pulmonary hypertension phenotypes in chronic lung disease patients who are candidates for lung transplantation, based on pulmonary vascular disease and right ventricular arterial coupling. **PA6319**
Cecilia Chao (Montevideo, Uruguay), Agustina Larrosa, Pedro Trujillo, Carles Bravo, Manuel López-Meseguer, Enric Domingo, Juan Grignola

Dysregulation of Macrophage Programmed Cell Death: A Single-Cell Atlas of Idiopathic Pulmonary Arterial Hypertension and Pulmonary Veno-Occlusive Disease **PA6320**
Yuanyuan Sun (Jinan, China), Rui Li, Wenhui Wu, Xingquan Xiong, Ping Yuan

First-in-Human Remote Pulmonary Haemodynamic Monitoring in PH-ILD: Feasibility and Treatment Response Using Implantable Sensors **PA6321**
Rebecca Burney (Sheffield, United Kingdom), Marcelle Paula-Ribeiro, Ze Ming Goh, Sophie Herbert, Ee Ling Heng, Ellis Cerrone, S John Wort, Heba Nashat, Colm McCabe, David Kiely, AA Roger Thompson, Alex Rothman, Laura C Price, Robin Condliffe

The Pulse-PH Registry: Real-World UK Data in patients with Interstitial Lung Disease and Sarcoidosis-associated Pulmonary Hypertension **PA6322**
Laura Price (London, United Kingdom), Sophie Herbert, Konstantinos Dimopoulos, David Kiely, Colin Church, Nina Karia, Luke Howard, James Lordan, Katherine Bunclark, Ellis Cerrone, Jamie Ingram, Andrea Baccelli, Ifan Jenkin, Bismah Khan, Timothy JW Dawes, Robin Condliffe, Neil Hamilton, Roger Thompson, Iain Armstrong, Gerry Coghlan, Wendy Gin-Sing, Colm McCabe, Heba Nashat, Bhavin Rawal, Anand Devaraj, Carl Harries, Vasileios Kouranos, Simon Bax, Athol U Wells, Gisli Jenkins, Peter M George, S John Wort

Education on pulmonary hypertension associated with interstitial lung disease results in practice changes and identifies diagnostic barriers **PA6323**
Christy Rohani-Montez (London, United Kingdom), Marinella Calle, Margaux LeBerre, Laura Price, Vincent Cottin, Marius Höper

Novel Genetic Variants linked to Pulmonary Hypertension in Chronic Lung Diseases Adelaida Bosacoma (Barcelona, Spain), Agustín R Garcia, Irene Madrigal, Juan-José Lozano, Julia Sidorova, Daniel Aguilar, Ylenia Roger, Isabel Blanco, Olga Tura-Ceide, Anna Sardiné, Clara Martín-Ontiyuelo, Rita Fernández-Hernández, Diego A. Rodríguez-Chiaradía, Manuel López-Meseguer, Fernanda Hernández-Gonzalez, Jesús Ribas, Xavier Pomares, Victor I. Peinado, Joan Albert Barberà	**PA6324**
Discordance between established PAH risk scores in systemic sclerosis–associated pulmonary arterial hypertension Alejandro Cruz Utrilla (MADRID, Spain), Javier Álvarez-Liébana, Manuel López-Meseguer, Isabel Otero González, María Álvarez Barredo, Águeda Aurtenetxe Pérez, Purificación Ramírez Martín, Susana Del Prado Díaz, Isabel Blanco, Silvia Pineda, Pilar Escribano Subias	**PA6325**
Prevalence and clinical management of patients with ILD associated with PH – a UK regional ILD centre perspective Charlotte Crook (Exeter, United Kingdom), Joel Francesqui, Stefan C Stanel, Philip Hughes, Julian Lentaigne, Sarah Lines, Claire Young, Michael A Gibbons, Pilar Rivera-Ortega	**PA6326**
Functional and Hemodynamic Outcomes in Lung Transplant Recipients with Idiopathic Pulmonary Fibrosis: A Comparison Between Nintedanib and Pirfenidone Matteo Fanetti (Siena, Italy), Giuseppina Ciarleglio, Guillaume Starnini, Matilde Pengue, Elena Bargagli, Antonella Fossi, David Bennett	**PA6327**
Re-Spire: A Phase 3, Randomized, Double-Blinded, Placebo-Controlled Study to Evaluate the Safety and Efficacy of L606 (Treprostinil Liposome Inhalation Suspension) in Pulmonary hypertension with interstitial lung disease, PH-ILD Participants Vincent Cottin (Lyon, France), Sanjeev Khindri, Savan Patel, Renee Jones, Rajeev Saggar	**PA6328**
Usefulness of the FORD index in patients with fibrotic interstitial lung diseases (fILD) for the pulmonary hypertension risk assessment. Giordano Fiorentu' (Padova, Italy), Giulia Bartolucci, Elisabetta Cocconcelli, Giordano Fiorentù, Nicol Bernardinello, Paolo Spagnolo, Elisabetta Balestro	**PA6329**
Assessment of e-Lung quantitative CT biomarkers of pulmonary fibrosis in IPF patients with and without pulmonary hypertension Laura Price (London, United Kingdom), Sophie Herbert, Anand Devaraj, Colm McCabe, Heba Nashat, Bhavin Rawal, Carl Harries, Athol U Wells, Simon Bax, Gisli Jenkins, S John Wort, Peter M George	**PA6330**
TAPSE/SPAP ratio as a predictor of severe pulmonary hypertension in group 3 PH Alejandro Cruz Utrilla (MADRID, Spain), Berenice Brown Arreola, Celia Denche, Carmen Jiménez López-Guarch, Raquel Pérez Rojo, Andrés Quezada Loaiza, Carmen Vizoso Gálvez, Eva Gutiérrez Ortiz, Irene Martín de Miguel, Álvaro López Masjuan, Pilar Escribano Subias	**PA6331**
Pulmonary Hypertension Optimal Screening in Interstitial Lung Disease (PHOS-ILD): A scoring system for the detection of pulmonary hypertension in patients with interstitial lung disease Theodoros Karampitsakos (Athens, Greece), Evan Wasserman, Eleni Stagaki, Abhay Thottassery, Jorden Smith, Brian Soto, Huda Asif, Christian Arce Guzman, Jalen Hammonds, Anna Papasarantou, Agamemnon Bakakos, Ourania Papaioannou, Konstantinos Loverdos, Foteini Karakontaki, Eirini Kefalidou, Brenda M. Juan-Guardela, Jose D Herazo-Maya, Adriano R Tonelli, Debabrata Bandyopadhyay	**PA6332**
Pulmonary Function, Emphysema and Arterial Stiffness in COPD: Preliminary Evidence Linking Structural Lung Damage and Systemic Inflammation Angela Maria Giraldo Montoya (Pereira, Colombia), Giovanni García Castro, Luisa Maria Garcia Zuluaga	**PA6333**
Right to left ventricular volume ratios predict survival in in pulmonary hypertension associated with chronic lung disease: results from the ASPIRE Registry Ellis Cerrone (Sheffield, United Kingdom), Ze Ming Goh, Rebecca Burney, Felicity Hitchcock, Anusha Gajanan, Mahindhan Senkathir, Samer Alabed, Krit Dwivedi, Abul Hameed, Athanasios Charalampopoulos, Judith A Hurdman, Charlie A Elliot, Alexander MK Rothman, Robin A Condliffe, Andrew J Swift, AA Roger Thompson, David G Kiely	**PA6334**

PS-38 Session 539 12:30 - 14:00

Poster session: Chronic thromboembolic pulmonary hypertension: risk factors, evolving diagnostic approaches, treatment strategies and prognosis

Disease(s) : Pulmonary vascular diseases | Interstitial lung diseases | Airway diseases | Respiratory critical care | Sleep and breathing disorders

Method(s) : Cell and molecular biology | Physiology | Surgery | General respiratory patient care | Endoscopy and interventional pulmonology | Epidemiology | Pulmonary function testing | Imaging | Public health

Tag(s) : Clinical, Translational

Chairs : Joanna Pepke-Zaba (Cambridge, United Kingdom), Aleksandar Bokan (Loewenstein, Germany), Nesrin Öcal (Ankara, Türkiye)

Late Breaking Abstract - Computed tomography pulmonary angiography (CTPA) evaluation of myosteatosis predicts clinical worsening in chronic thromboembolic pulmonary hypertension (CTEPH) Qin Zhang (Beijing, China), Xuying Zhang, Yihan Shi, Xiangnan Li, Yanru Liang, Hao Pan, Changming Xiong, Mingming Deng, Zhihui Hou, Qing Gu, Jianguo He, Xuelian Li, Xiaoming Zhou, Gang Hou	**PA6335**
Pulmonary Tumor Thrombotic Microangiopathy: A Systematic Review of Case Reports Weihao Li (Chengdu, China), Yaodan Liang, Jun Yang, Tian Qiu, Gao Liu, Chuangsen Fang, Jiajun Guo, Xiaomao Xu, Yucheng Chen, Yanming Li	**PA6336**
National cohort study: causes of mortality in patients with chronic thromboembolic pulmonary disease without pulmonary hypertension Laurence d'Amours (Québec, Canada), Monalisa Bhattacharyya, Chao Yuan Li Cai, John Cannon, Joanna Pepke-Zaba, Karen Sheares, Dolores Taboada Buasso, Katherine Bunclark, Mark Toshner	**PA6337**
Smoking exposure on diagnosis and survival of pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension: data from REHAP registry Karys Khilzi (, Spain), Isabel Blanco, Lucilla Piccari, Joan Albert Barbera, Raquel López-Reyes, Isabel Otero-González, Sergio Alcolea, Jesus Ribas, Maria Álvarez-Barredo, Pilar Escribano-Subías, Diego Rodriguez Chiaradia	**PA6338**
Sleep-breathing disorders – a „second hit“ in patients with pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension, a prospective 1 year single centre study Nadja Koren Pucelj (Ljubljana, Slovenia), Barbara Salobir, Polona Mlakar, Matevž Harlander	**PA6339**
Ventilatory efficiency during exercise in CTEPH and PAH pre- and post-treatment Lara Benning (Zurich, Switzerland), Esther Irene Schwarz, Julian Müller, Mona Lichtblau, Isabelle Schmitt-Opitz, Silvia Ulrich	**PA6340**
Clinical characteristics and outcomes of chronic thromboembolic pulmonary hypertension in Kazakhstan Gulzhamal Duisenbay (Astana, Kazakhstan), Anara Abbay, Akbota Askanbekova, Yulia Semenova, Aigerim Kuzhakhmetova, Murat Mukarov, Timur Lesbekov	**PA6341**
Antiphospholipid Syndrome and Chronic Thromboembolic Pulmonary Hypertension: Prevalence and Clinical Impact in a Dutch Cohort Tamara Rodenburg (Amsterdam, Netherlands), Linde op de Hoek, Coen van Kan, Jurjan Aman, Esther Nossent, Anton Vonk Noordegraaf, Harm Jan Bogaard, Frederikus Klok, Lilian Meijboom, Thijs van Mens, Josien van Es	**PA6342**
Historic Venous Thromboembolism Defines Distinct Phenotypes and Therapeutic Pathways in Chronic Thromboembolic Pulmonary Hypertension: Insights from the CHANCE-CTEPH Registry Shuai Zhang (Beijing, China), Yishan Li, Sugang Gong, Cheng Hong, Yuanhua Yang, Zhenwen Yang, Jing Wen, Qiang Huang, Wanmu Xie, Zhenguo Zhai	**PA6343**
TEAM (TrEatment Approach in the Multimodal era) registry – design, rationale and initial results Marion Delcroix (Leuven, Belgium), Michael Madani, Elie Fadel, Xavier Jaïs, David Jenkins, Irene Lang, Joanna Pepke-Zaba, Christoph Wiedenroth, Hiromi Matsubara, Aruna Bansal, Nick Kim	**PA6344**
Multi-omics Elucidates Extracellular Matrix-Driven Vascular Remodeling in Chronic Thromboembolic Pulmonary Hypertension Xincheng Li (shenzhen, China), Jingru Huang, Jixiang Liu, Xiaofan Ji, Lu Sun, Li Li, Deming Gou, Zhenguo Zhai	**PA6345**
The efficacy of balloon pulmonary angioplasty for patients with chronic thromboembolic pulmonary hypertension comorbid to respiratory dysfunction Yu Taniguchi (Kobe, Japan), Miki Sakamoto, Takayuki Saito, Akane Kajiura, Noriaki Emoto, Hiromasa Otake	**PA6346**
Residual pulmonary hypertension after pulmonary endarterectomy or balloon pulmonary angioplasty for chronic thromboembolic pulmonary hypertension – insights from the New International Chronic Thromboembolic Pulmonary Hypertension Database Joanna Pepke-Zaba (Cambridge, United Kingdom), Marion Delcroix, Elie Fadel, Xavier Jaïs, David P. Jenkins, Nick H. Kim, Irene M. Lang, Michael M. Madani, Gérald Simonneau, Christoph B. Wiedenroth, Aruna T. Bansal, Hiromi Matsubara	**PA6347**
Role of NAMPT in Peripheral Blood Immune Cells of CTEPH Patients and Its Correlation with Clinical Parameters Lu Sun (Beijing, China), Jixiang Liu, Kuangxun Li, Han Tian, Wanmu Xie, Shiqing Xu, Ran Miao, Peiran Yang, Zhenguo Zhai	**PA6348**

Clinical and Prognostic Significance of Hemoptysis in Pulmonary Thromboembolism: Real-World Data from 400 Patients **PA6349**
Tugce Karamustafalioglu (Mersin, Türkiye), Demet Polat Yulug, Sibel Nayci, Eylem Sercan Ozgur

Percutaneous Transluminal Peripheral Pulmonary Artery Biopsy (PT-PPAB): A Feasible and Safe Technique for the Diagnosis of Unidentified Pulmonary Artery Diseases **PA6350**
Hongxia Wu (Chengdu (Sichuan), China), Lijuan Gao, Ye Wang

Human induced pluripotent stem cell (hiPSC)-derived vasculogenic progenitor cells (VPCs) promote lung vascular growth and ameliorate neonatal pulmonary hypertension (PH) **PA6351**
Mahnaz Nazari (Ottawa, Canada), Yupu Deng, Arul Vadivel, Shumei Zhong, David A Mann, Matthew George, Mervin Yoder, Duncan Stewart, Bernard Thebaud

Signs of right ventricular dysfunction in young adults born with bronchopulmonary dysplasia and asthmatics: data from the LUNAPRE cohort **PA6352**
Kristina Piontkovskaya (Lidingö, Sweden), Iryna Kolosenko, Melvin Pourbazargan, Petra Um-Bergström, Eva Berggren-Broström, Anders Linden, Magnus Sköld, Åsa M. Wheelock, Maria J. Eriksson

BPA improved the cognitive dysfunction of patients with CTEPH **PA6353**
Yuanyuan Sun (Jinan, China), Sugang Gong, Jing He, Wenhui Wu, Qinhua Zhao, Huiting Li, Jinming Liu, Lan Wang, Ping Yuan

Hemodynamic Characteristics and One-Year Survival of Patients Undergoing Right Heart Catheterization for Suspected Pulmonary Hypertension: A Single-Center Retrospective Study **PA6354**
Nesrin Öcal (Ankara, Türkiye), Deniz Yaylagül, Murat Çelik, Burcu Öztürk Şahin, Yakup Arslan, Deniz Doğan, Cantürk Taşçı

PS-39 Session 540 12:30 - 14:00

Poster session: Bronchoscopic tumour therapies

Disease(s) : Thoracic oncology | Respiratory critical care | Interstitial lung diseases | Airway diseases | Pulmonary vascular diseases

Method(s) : Endoscopy and interventional pulmonology | Respiratory intensive care | Palliative care | Epidemiology | Public health | Cell and molecular biology

Tag(s) : Clinical

Chairs : Konstantina Kontogianni (Heidelberg, Germany), Michela Bezzi (Brescia, Italy), Lilla Budi (Budapest, Hungary)

Late Breaking Abstract - From consensus to protocol: multinational clinician, patient and HTA engagement shaping the ENCOMPASS randomised controlled trial of robotic bronchoscopy for small pulmonary nodules **PA6355**
Ricky Thakrar (London, United Kingdom), Haval Balata, Torsten Bauer, Juliana Guarize, Nicolas Guibert, Amir Hanna, Felix Herth, Juergen Hetzel, Pallav Shah, Scott Oh, Neal Navani

Initial Experience with Cryoablation for Oligoprogressive Metastatic NSCLC on First-Line Immunotherapy **PA6356**
Dan Li (chengdu, China), Yue Cheng, Dan Liu, Panwen Tian, Weimin Li

Preliminary Safety and Feasibility of Ultrathin Bronchoscope-Guided Transbronchial Radiofrequency Ablation **PA6357**
Sze Shyang Kho (Kuching (Sarawak), Malaysia), Noor Annisa Darman, Chan Sin Chai, Fereidoun Abtin, Swee Kim Chan, Swee Kiong Kho, Choon Seong Ang, Don Tanaka, Shashank Raina, Pei Jye Voon, Siew Teck Tie

Robotic-assisted Bronchoscopy and EBUS-guided Pulsed-electric Field Ablation for Malignant Mediastinal Lymph Nodes and Lesions **PA6358**
Alejandra Yu Lee-Mateus (Jacksonville, United States), Regina M. Murillo-Torres, Tatiana A. Rojas-Zapata, Paola Gutierrez-Gallegos, David Abia-Trujillo, Bryan Husta, Linh H. Vu, Mohammed A. Alqawasma, Kelly S. Robertson, Sebastian Fernandez-Bussy

Novel Cryoballoon Ablation for Peripheral Lung Cancer: Preclinical and First-in-Human Study **PA6359**
Hongjia Li (Guangzhou (Guangdong), China), Shiyue Li, Weizhan Luo, Changhao Zhong

Feasibility and Safety of Single-Session Robotic-Assisted Bronchoscopy for Diagnosis and Ablation of Peripheral Pulmonary Lesions **PA6360**
Jisong Zhang (Hangzhou, China), Ding Wang

Percutaneous/transbronchial Ablation for Thoracic lesions/tumors: a prospective CoHort study (the PATCH study) **PA6361**
Yue CHENG (Chengdu, China), Dan Li, Weimin Li, Dan Liu

Development and validation of a nomogram for predicting post-ablation complications following thermal ablation of suspected malignant lung lesions: a multicenter retrospective cohort study **PA6362**
Xiaoshuang Lyu (Beijing, China), Hengmo Rong, Zhaohui Tong, Feng Wang

Endobronchial Therapy for Bronchial Carcinoid Tumors: A Clinical Decision Framework **PA6363**
Ayperi Öztürk (Ankara, Türkiye), Figen Ozturk Ergur, Aydin Yılmaz

Does Endobronchial Treatment Have an Impact on Survival in Advanced-Stage Lung Cancer? **PA6364**
Hüsra Tetik Manav (ANKARA, Türkiye), Ayperi Öztürk, Aydın Yılmaz

Descriptive characteristics and prognostic factors in patients undergoing rigid bronchoscopy for malignant central airway obstruction **PA6365**
Ramazan Sahin (Istanbul, Türkiye), Ekin Kelleci, Mustafa Carkci, Baris Demirkol, Ayse Bahadir, Sibel Yurt, Mehmet Akif Ozgul

Endoscopic Debulking of Central and Peripheral Airway Tumor Obstruction: First Prospective Algerian Series **PA6366**
Samir Guediri (Algiers, Algeria), Redouane Sid Ahmed Benazzouz

Flexible Bronchoscopy Ablation Techniques in the Management of Central Airway Obstruction: An Interventional Pulmonology Experience **PA6367**
Osman Hatem (London, United Kingdom), Sabah Ahmed, Ahmed Alhalfawy, Alaa Shalaby

Intratumoral diffusing alpha-emitters radiation therapy (Alpha DaRT) for recurrent lung cancer **PA6368**
Dan Padawer (Jerusalem, Israel), Philip Blumenfeld, Jon Feldman, Aron Popovtzer, Neville Berkman

HIF-1α modulates cGAS–STING signaling in photodynamic therapy-induced immune escape: a potential target for enhancing PDT efficacy in lung cancer **PA6369**
Wen Sun (Beijing, China), Zhou Jin, Xinran Gao, Xi Wang, Jiping Liao, Guangfa Wang

Bronchoscopies for atelectasis in hospitalized patients : A retrospective cohort- mortality analysis **PA6370**
maly keler (BEER YAAKOV, Israel)

Impact of respiratory emergencies on therapeutic management in patients with lung cancer **PA6371**
Mariem Chaabane (Tunis, Tunisia), Naziha Hammouda, Tasnim Znegui, Sarra Maazaoui, Sonia Habibech, Hajer Racil, Nawel Chaouch

Clinical Characteristics, Radiological Features and Hemoptysis Management of Anomalous Systemic Arterial Supply to Normal LungA 11-year Retrospective Multi-Center Cohort Study **PA6372**
Haiwen Lu (Shanghai, China), Lingling Li, Yue Su, Jiang Sen

Definitive diagnosis of drug-resistant Tuberculosis through molecular testing on bronchoalveolar lavage in patients with abnormal chest radiography **PA6373**
Tanay Sinha (NAVI MUMBAI, India), Girija Nair, Nikhil Sarangdhar, Shahid Patel, Manas Bhanushali, Sharmin Mukadam

Is Bronchoalveolar Lavage Still Worth It? Real-World Diagnostic Yield from a Tertiary Care Center **PA6374**
Ethem YILDIZ (Edirne, Türkiye), Furkan Bilir, Alperen Parlar, Özge Hacer Eker, Osman Hatipoglu

PS-4 Session 541 12:30 - 14:00

Poster session: The physiology of dyspnoea: new research

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : Physiology | Pulmonary function testing | Epidemiology | Pulmonary rehabilitation | General respiratory patient care | Cell and molecular biology

Tag(s) : Clinical, Translational

Chairs : Dennis Jensen (Montreal (QC), Canada), Amita Nene (Mumbai (Maharashtra), India), Elena Gimeno-Santos (Barcelona, Spain)

Exploring factors associated with high FeNO in young adults with and without asthma **PA6375**
Raquel Garcia García (Barcelona, Spain), Xènia Carrizosa, Mireia Pérez, Núria Olvera, Sandra Casas, Ciro Casanova, Fatima Crispi, David Diaz-Perez, Alberto Fernández-Villar, Judith Garcia-Aymerich, Luis González-de Paz, Juan R Gonzalez, Amanda Iglesias, Jose Luis Izquierdo, Marta Marín-Oto, Jose María Marín, Rommy Novoa, Andrea Ocaña, Sergi Pascual, Gabriela Peralta, Lídia Perea, David Sanz-Rubio, David Sarrat-Gonzalez, Maties Torrent, Miguel Vazquez, Valle Velasco, Marc Vila, Alvar Agustí, Rosa Faner, Borja Cosio, On behalf of the P4COPD study team

Insomnia Severity According to Dyspnea Burden and Spirometric Profile in Patients with Chronic Respiratory Diseases Soumaya Khaldi (Ariana, Tunisia), Oumayma Bziouech, Khouloud Kchaou, Imen Talbi, Mariem Bouzid, Yassine Farhat Ouahchi	**PA6376**
The relationship between ventilatory drive and output in deep brain stimulation for Parkinson disease May Smith-Hublou (GAINESVILLE, United States), Yuhan Mou, Karen Hegland	**PA6377**
Dyspnea and Leg Discomfort Symptoms During Exercise and Their Clinical Relevance: A Multicenter Real-Life Study in the Andean Region. Mauricio Orozco-Levi (Floridablanca, Colombia), Mauricio Orozco-Ramírez, Alba Ramirez-Sarmiento, Leslie Vargas-Ramírez, Angie Naranjo García, Rafael Torres Morillo, Bellanid Rodríguez, Juan Pablo Cáceres, Lady Figueroa, Maria José Páez Lozano, Miguel Useda, Angie Varela, Daniel Orozco-Ramírez, Angie Pabon Quezada	**PA6378**
Ventilatory and metabolic pattern during walking in anorexia nervosa and obesity Antonella LoMauro (Milano (MI), Italy), Gabriella Tringali, Ilaria Grimoldi, Paolo Fanari, Enrica Ventura, Laura Abruzzese, Alessandro Sartorio, Andrea Aliverti	**PA6379**
Impact of Sex on Clinical Profile and Depression in Patients with COPD Alexandru Corlateanu (Chisinau, Republic of Moldova), Liliana Lupu	**PA6380**
Dyspnea or Lung Function: Which Better Reflects Perceived Stress in Chronic Respiratory Diseases? Soumaya Khaldi (Ariana, Tunisia), Khouloud Kchaou, Oumayma Bziouech, Imen Talbi, Yassine Farhat Ouahchi	**PA6381**
Apnea as a stabilisation strategy in healthy participants: study of several lung volumes and apnoea timing Armande Esnault (Paris, France), Claudio Vergari, Laurent Gajny, Thomas Similowski, Damien Bachasson, Baptiste Sandoz, Valérie Attali	**PA6382**
Pathophysiology Underlying Dyspnea on Exertion in Myalgic Encephalomyelitis/Chronic Fatigue Syndrome (ME/CFS) and Long COVID (LC) via Invasive Cardiopulmonary Exercise Testing (iCPET) Johanna Squires (Boston, United States), Sarah Gustafson, Sophia Pappano, Katherine LeWine, Aaron Waxman, David Systrom	**PA6383**
Biological variability and reliability during the high intensity constant work rate cardiopulmonary exercise test Parsa Jamal-Zadeh (Toronto, Canada), Ghazal Adibmoradi, Parsa Shekarloo, Masih Jafari, Nicole Seip, Devin Phillips	**PA6384**
Sex differences in respiratory neuromechanics and perceived dyspnoea during progressive hypercapnia Ghazal Adibmoradi (Toronto, Canada), Parsa Shekarloo, Parsa Jamal-Zadeh, Nicole Seip, Anahitaalsadat Mirniam, Devin Phillips	**PA6385**
Physiological correlates of exertional dyspnoea and exercise capacity in young e-cigarette users: a cross-sectional analysis. Parsa Shekarloo (Toronto, Canada), Ghazal Adibmoradi, Parsa Jamal-Zadeh, Sophie Collins, Devin Phillips	**PA6386**
Physiological and sensory effects of metronome-paced tachypnoea and metronome-paced hyperpnoea compared to incremental CPET in COPD Jermyl Allen Acuzar (Kingston, Canada), Lauren A. Ebel, Reginald M Smyth, Matthew James, Karam Alosta, Marinna Karina Perez Cheng, John McCleary, Madison Coyle, Amany Elbehairy, J Alberto Neder, Nicolle J Domnik	**PA6387**
The Overhead Clap Test: A Novel Approach to Functional Exercise Capacity Assessment in Interstitial Lung Disease Patients Unable to Perform the Six-Minute Walk Test Naveen Dutt (Jodhpur (Rajasthan), India), Anju James, Karan Kalra, Abhishek Tandon, Nishant Chauhan, Gopal Durgeshwar, Hariharan Iyer	**PA6388**
Is low inspiratory capacity a good predictor of static pulmonary distension ? Salma Mokaddem Mohsen (Tunis, Tunisia), Hela Cherif, Sirine Daoud, Soumaya Debiche, Ines Hlel, Syrine Ben Taleb, Ferdaous Yangui, Mohamed Ridha Charfi	**PA6389**
Respiratory Muscle Strength as a Determinant of Lung Function in the Early Period After Vertebroplasty: A Mediation-Focused Cross-Sectional Analysis Dilek Cokar (Istanbul, Türkiye), Oguzhan Yılmaz, Ukbe Sirayder, Merdan Orunoglu	**PA6390**
Non-Linear Dynamics of Expiratory Flow: A Novel Framework for Characterizing Forced Spirometry Marco António Pacheco Pereira (Seixal, Portugal), Rita Amaral	**PA6391**

Altered intra-breath airway mechanics two years after severe COVID-19 **PA6392**
Ferenc Peták (Szeged, Hungary), Gergely H Fodor, József Tolnai, Fruzsina Kun-Szabó, Ádám L Balogh, Barna Babik

Diaphragmatic dysfunction in COPD: Associations with disease Severity, nutritional Status, and functional Impairment **PA6393**
Chaima BRIKI (ariana, Tunisia), Khouloud Kchaou, Soumaya Khaldi, Molk Maalej, Yacine Ouhachi

Effect of SGLT2 inhibitors on muscle function in heart failure **PA6394**
Felipe Peralta Gonzalez (Mexico, Mexico), Arturo Orea Tejeda, Dulce Gonzalez Islas, Rocio Sanchez Santillan, Karla Garcia Diaz, Edgar Lozano Hernandez, Valeria Maldonado Vargas, Estrella Vargas Corona, Gabriela Cruz Gijon, Getsemani Renteria Serralde, Juan David De La Borda Paredes, Sergio Alday Ramirez, Juan Carlos Ruan Diaz, Benigno Valderrabano Salas

PS-40 Session 542 12:30 - 14:00

Poster session: Technology, innovation and education in thoracic ultrasound

Disease(s) : Airway diseases Respiratory critical care Interstitial lung diseases Sleep and breathing disorders Pulmonary vascular diseases Thoracic oncology

Method(s) : General respiratory patient care Imaging Pulmonary function testing Respiratory intensive care Epidemiology Endoscopy and interventional pulmonology

Tag(s) : Clinical, Digital health

Chairs : Evangelia Koukaki (Athens, Greece), Gamal Rabie Agmy (Assiut, Egypt), Elżbieta Magdalena Grabczak (Warszawa, Poland)

Late Breaking Abstract - Physician-led neck ultrasound – an international prospective study **PA6395**
Cyrus Daneshvar (Plymouth, United Kingdom), Al-Tahoor Butt, Benjamin Teng, Arvindran Alaga, Christian Laursen, Federico Mei, Richard Thorley, Hem Rai, Roopa Kancherla, Padraic Ridge, Huajian Liu, David Breen, Maged Hassan

Late Breaking Abstract - Lung ultrasound within a screening strategy for ruling out interstitial lung disease in rheumatoid arthritis **PA6396**
Helena Borrell Paños (Barcelona, Spain), Luis Coronel Tarancon, Luis Alexander Del Carpio Bellido Bargas, David Vladimir Clofent Alarcon, Maria López-Lasanta, Andrea Pluma Sanjurjo, Hugo Avalos Bogado, Natalia Nogue Serra, Adriana Jackeline Cabrera Capelo, Carlos Jorge Alcaraz Lopez, Xabier Michelena Vegas, Ernesto Trallero Araguas, Sara Marsal Barril

A novel methodology to characterize pleural sliding: first multicenter clinical study using radio frequency lung ultrasound data **PA6397**
Chiara Zangrandi (Povo (TN), Italy), Federico Mento, Mattia Perpenti, Giovanni Pierro, Alessandro Perotta, Tiziano Perrone, Andrea Smargiassi, Riccardo Inchingolo, Libertario Demi

Automated quantitative lung ultrasound spectroscopy for the differential diagnosis of pneumonia and cardiogenic pulmonary edema, a comparative study with computed tomography **PA6398**
Mattia Perpenti (Trento, Italy), Eleonora Balzani, Claudia Marinaro, Tiziano Perrone, Libertario Demi

Federated learning meets real clinical heterogeneity: an international multi-center lung ultrasound study across populations and pathologies **PA6399**
Xi Han (Trento, Italy), Yale Tung Chen, Mario Muñoz, Jorge Camacho, Emanuela Zannin, Camilla Rigotti, Federico Cattaneo, Giulia Dognini, Maria Luisa Ventura, Andrea Smargiassi, Riccardo Inchingolo, Perrone Tiziano, Libertario Demi

Defining core components of case-based training in focused thoracic ultrasound: A Delphi study **PA6400**
Pernilla Borggaard (Horsens, Denmark), Lars Konge, Pia Iben Pietersen, Rahul Bhatnagar, Anders Bo Nielsen, Christian B. Laursen

Lung Ultrasound as a Novel Tool for Assessing Small Airway Dysfunction in Asthma: A Validation Study against Forced Oscillation Technique **PA6401**
Alberto Bracciali (Florence, Italy), Leonardo Gori, Cosimo Ferdinando Moradei, Chiara Allegrini, Federico Lavorini, Gianna Camiciottoli

Longitudinal diaphragmatic ultrasound assessment of lung function post-endobronchial valve treatment and correlation with nocturnal respiratory parameters **PA6402**
Aliki Karkala (Leuven, Belgium), Mathieu Brancaleone, Dries Testelmans, Bertien Buyse, Wim Janssens, Stephanie Everaerts, Alexandros Kalkanis

Respiratory muscle ultrasound redefines prediction of non-invasive ventilation failure: A prospective cohort study **PA6403**
Aslihan Gürün Kaya (Ankara, Türkiye), Deniz Doğan Mülazımoğlu, Miraç Öz Kahya, Serhat Erol, Fatma Arslan, Akın Kaya

Correlation Between SNIP and Diaphragmatic Ultrasound (TDI-VTMRR) in ALS Patients: An early indicator to Non-Invasive Ventilation — **PA6405**
Caterina Debelak (Roma, Italy), Alessandro Siena, Fausta Viccaro, Maria D'Andria, Letizia D'Antoni, Paolo Palange, Matteo Bonini

Routine bedside lung ultrasound reduces chest x-ray requests in children with pneumothorax — **PA6406**
Agnieszka Strzelak (Warsaw, Poland), Maria Wawszczak, Karolina Opala, Katarzyna Krenke

Beyond the stethoscope: lung ultrasound score for bedside risk stratification and oxygenation prediction in critically ill pneumonia patients — **PA6407**
Brigitta Devi Anindita Hapsari (Surakarta, Indonesia), Melita Melita, Benidiktus Bambang Triasmoro, A Farih Raharjo, Yusup Subagio Sutanto, Reviono Reviono, Hendrastutik Apriningsih, Linda Soebroto

Diaphragm Ultrasound and Surface Electromyography as Predictors of Clinical Deterioration in Acute Exacerbations of COPD: A Prospective Observational Study — **PA6408**
Wytze de Boer (Zwolle, Netherlands), Lauren Geerts, Eline Oppersma, Mireille Edens, Jan Willem van den Berg, Jos Stigt, Dirk Jan Slebos, Marieke Duiverman

Oxygenated Hemoglobin as a Predictor of Diaphragmatic Dysfunction and Frailty in Stable COPD — **PA6409**
Warda Jelassi (Tunis, Tunisia), Abir Hedhli, Yacine Ouahchi, Sana Cheikhrouhou, Meriem Mjid, Sonia Toujani, Besma Dhahri

Tele-ultrasound in pleural effusion management: a case series evaluating impact on clinical decision-making. — **PA6410**
Amr Youssef (Manchester, United Kingdom), Susan Sandham, Elinor Bradley, Benjamin Teng, Maged Fayed

AI-Assisted Lung Ultrasound for Dynamic Parenchymal Pattern Recognition and Individualized Respiratory Management — **PA6411**
Rostyslav Bubnov (Kyiv, Ukraine), Liudmyla Petrenko, Svitlana Guk

Early Advanced Echocardiography and Diaphragmatic Function During COPD Exacerbation: Feasibility, RV Performance, and Gas-Exchange Correlates — **PA6412**
Francesco Conte (Bolzano, Italy), Deborah Ferrini, Stefania Ferraro, Flavio Egger, Angelika Kaneppele, Gerald Bertagnolli

Epidemiology of gastroesophageal reflux disease (GERD) in children with chronic cough (CC) based on ultrasound diagnostics of the stomach and distal esophagus. — **PA6413**
Tetiana Yakovenko (Lutsk, Ukraine), Oleh Yakovenko, Marta Dmytruk, Iryna Gataliak, Oleksandr Mazulov

PS-41 Session 543 12:30 - 14:00

Poster session: Innovative approaches to medical education

Disease(s) : Airway diseases | Sleep and breathing disorders | Respiratory critical care | Interstitial lung diseases

Method(s) : General respiratory patient care | Public health | Pulmonary rehabilitation | Epidemiology

Tag(s) : Digital health

Chairs : Dragos Bumbacea (Bucuresti, Romania), Heleen Demeyer (Gent, Belgium), Richard Costello (Dublin 9, Ireland)

AI-Driven Analysis of Clinical Decision Pathways in Simulated Respiratory Emergencies: Preliminary Educational Evidence — **PA6414**
Angela Maria Giraldo Montoya (Pereira, Colombia), Giovanni García Castro, Nathalia Gutierrez Valencia, Sebastian Giraldo Galeano

Social Media as a Building Block of Medical Continuing Education and Patient Education: Results from a Cross-Sectional Survey — **PA6415**
Jan Fuge (Hannover, Germany), Jessica Rademacher, Kathrin Kahnert, Christiane Mölgen

From Textbooks to Algorithms: Artificial Intelligence in Respiratory Medicine Education: A Pilot Educational Study — **PA6416**
Nataliia Sanina (Dnipro, Ukraine), Lyudmyla Konopkina, Tamara Turlyun, Dmytro Sutyrin

Benchmarking large language models on authentic French medical exam MCQs in Algeria — **PA6417**
Redouene Sid Ahmed Benazzouz (Laghouat, Algeria), Massinissa Benyagoub, Yacine Boufatah, Fodhil Sadeki, Safouane Benazzouz, Mounir Ould Setti

Addressing Unmet Needs in Long COVID: Impact of Online CME on Physician Knowledge of Post-Viral Syndrome and Management — **PA6418**
Shanthi Voorn (Amsterdam, Netherlands), Diana Lucifero, Camille Scot-Smith, Ziyad Al-Aly, Bin Cao

An international exploration of pulmonary rehabilitation content within respiratory physician training curricula: a desktop review Clarice Tang (Melbourne (VIC), Australia), Matthew Armstrong, Kelsey Black, Mark Lavercombe, Linda Nici, Catia Paixao, Sally Singh, Carolyn Rochester, Dmitry Rozenberg, Rachael Evans	**PA6419**
Structured role play improves communication skills in respiratory medicine among MBBS students Shanmuga Priya (Chennai (Tamilnadu), India)	**PA6420**
Educational needs, preferences and challenges of people with chronic respiratory disease: ENRICH Survey Meena Lopez (Mumbai, India), Kanishka Kumar Singh, Rohan Gupta, Vaishali Naik, Senthilnathan Mohanasundaram, Jaideep Gogtay	**PA6421**
Asthma Escape Room: an educational digital tool Cláudia Sofia De Almeida Vicente Ferreira (Coimbra, Portugal), Ana Margarida Antunes Cruz, Catarina Novais, Cláudia Mourato-Silva, Ana-Rita Laranjeiro, Jaime Correia-de-Sousa	**PA6422**
Perceptions of specialty, training, and future among pulmonology residents in Türkiye: A cross-sectional multi-center study Mustafa Ersözlü (Ankara, Türkiye), Erencan Begiç, Alpercan İlker, Buket Selen Şahin, Samet Samancı, Aytekin İdikut, Barış Çil, Aslıhan Gürün Kaya, Osman Elbek, Çağlar Çuhadaroğlu, Oğuz Kılınç	**PA6423**
PneumoSpeedDating Germany: An innovative approach to early career recruitment in pulmonology Julia Wälscher (Essen, Germany), Janna Reinhard, Erik Büscher, Christian Taube, Dirk Skowasch, Maximilian Wollsching-Strobel, Wolfram Windisch, Ayham Daher, Michael Dreher, Sven Albrecht, Michael Kreuter	**PA6424**
What do asthma patients talk about when no one is listening? Mixed-methods analysis of patient opinions from the social media forum Reddit: An observational study Estela Cristina Prieto Maillo (Salamanca, Spain), Ana Gabriela Salazar Palacios, Ana María Martin Varillas, Jacinto Ramos González, Ignacio Dávila González, Domingo Palacios Ceña, Juan Nicolas Cuenca Zaldivar, Elena Curto Sánchez	**PA6425**
YouTube Education for Home CPAP/NIV: A Quality and Engagement Gap Between English and Turkish Videos Sabri Serhan Olcay (Muğla, Türkiye), Fulden Cantaş Türkiş, Özlem Şengören Dikiş	**PA6426**
Stratified analysis of asthma self-management and patient education strategies: a nationwide cross-sectional study Yilin Pan (Shanghai, China), Min Zhang, Xin Yao, Yun Liu, Limin Zhao, Xinming Su, Hua Xie, Hongmei Yao, Li Yu	**PA6427**
Digital health information: Topics, trust, and quality assurance. An online survey. Dario Kohlbrenner (Zürich, Switzerland), Anja Hollenstein, Felix Gille, Saskia De Gani	**PA6428**
Peer-Assisted Learning and 'Empowering One-to-One Mentoring': Explorations in Respiratory Medicine Education Chen Zhu (Hangzhou (Zhejiang), China), Heshen Tian, Jing Xue, Wen Li	**PA6429**
Optimising Appropriate Utilisation of Arterialized Ear-lobe capillary blood gas (CBG) sampling in Respiratory Wards through Education: a Quality Improvement Maimuna Adamu (Telford, United Kingdom), Hemlata Limbu, James Greenway, Ellen Dean, Richard Heinink	**PA6430**
Awareness–knowledge gap in rare lung diseases among medical students Pınar Yıldız Gülhan (Düzce, Türkiye), Amin Fazlzadeh Fazlzadeh, Nurullah Kurutkan, Özlem Ataoğlu, Talat Kılıç, Veysi Tekin, Füsun Topçu, Burcu Baran, Fatih Üzer, Esra Arslan Aksu, Elif Yelda Niksarlıoğlu, Gülşah Günlüoğlu, Züleyha Bingöl, Eylem Sercan Özgür	**PA6431**
Future of pulmonology: sub-specialization barriers and career trends among specialists Aytekin İdikut (Ankara, Türkiye), Seyma Tunç, Ceren Değirmenci, Cağla Huseynova, Sılam Yeşilyurt, Mustafa Ersözlü, Erencan Begiç, Barış Çil, Aslıhan Gürün Kaya, Osman Elbek, Cağlar Cuhadaroğlu, Oguz Kılınç	**PA6432**

PS-5 Session 544 12:30 - 14:00

Poster session: Weaning from invasive mechanical ventilation

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Respiratory intensive care General respiratory patient care Imaging Physiology Pulmonary rehabilitation Public health Surgery

Tag(s) : Clinical

Chairs : Joanna Luk-Ping Lam (Hong Kong, Hong Kong), Maxime Patout (Paris, France), Oriol Roca Gas (Barcelona, Spain)

Late Breaking Abstract - Development and external validation of a multivariable logistic regression model to predict extubation failure in UK cohorts Mayur Murali (London, United Kingdom), Ovidiu Serban, Melody Ni, Ramnarayan Padmanabhan, Luigi Camporota, Brijesh Patel	**PA6433**
Diagnostic Performance of the Rapid Shallow Breathing Index for Predicting Extubation Success: A Systematic Review and Meta-analysis Yen Hsiang Tseng (Taichung City, Taiwan), Tse-Yen Yang, Chin-Jung Liu, Chia-Chen Chu, Wan-Yun Hsiao, Te-Chun Hsi	**PA6434**
COBRE-US-App: Cross-platform bedside implementation of the COBRE-US trial's extubation success prediction model Fabio Andrés Varón Vega (Bogotá, Colombia), Elkin Gonzalez, Jonathan Palacios, Stephanie Crevosier, Maria Camila Martinez Ayala	**PA6435**
Association of Quantitative CT (QCT) Parameters With Outcome After Prolonged Weaning Franziska Trudzinski (Heidelberg, Germany), Molham Bahrami, Maximilian Barre, Oliver Weinheimer, Mark Oliver Wielpütz, Claus Peter Heußel, Arved Bischoff, Philipp Höger, Ralf Eberhardt, Sebastian Fähndrich, Felix Herth	**PA6436**
PREDICTIVE VALUE OF THE SOFA SCORE AT THE TIME OF TRACHEOSTOMY FOR ICU MORTALITY Imen Kharrat (kairouan, Tunisia), Dhouha Ben Braiek, Sourour Bel Haj Youssef, Haifa Sfar, Israa Hamdi, Chaima Khedhiri, Nouha Chouihi, Ameni Kacem, Rahma Ben Jazia, Jihene Ayachi	**PA6437**
Treshold hemoglobin level for a better outcome in critically ill patients with hypoxemic respiratory failure: A retrospective cohort analysis Mehmet Oruç (İstanbul, Türkiye), Aslıhan Yalcin, Ekin Kelleci, Sibel Yurt, Ayşe Bahadır	**PA6438**
Impact of Elevated Driving Pressure on Medical Intensive Care Unit Outcomes in Patients with Acute Respiratory Distress Syndrome-Retrospective Cohort Study in Taiwan Middle Medical Center Chang Yujen (Changhua City, Taiwan), Chi ShuHua	**PA6439**
Impact of a Pneumologist-Led Interprofessional Weaning Bundle on Weaning Success in Patients at High Risk for Prolonged Invasive Mechanical Ventilation: The PRiVENT Study Franziska Trudzinski (Heidelberg, Germany), Benjamin Neetz, Biljana Joveš, Axel Kempa, Claus Neurohr, Armin Schneider, Elena Biehler, Thomas Fleischhauer, Janina Schubert-Haack, Teresa Byczkowski, Manuel Feißt, Joachim Szecsenyi, Felix J. F. Herth	**PA6440**
Initial mechanical power as an independent predictor of mortality at 28 days in a multi-purpose ICU in Lima from June to December 2024 Catia Cilloniz Campos (Barcelona, Spain), Tarek Mamlouk, Willy Diaz, Ronal Arteaga, Victor Perez, Luis Guerrero, Hugo Rojas, Brian Veramatos, Fernando Barriga, Nestor Luque	**PA6441**
Knowledge gaps in ICU nurses on ventilator weaning: a multicentre survey in Tunis,Tunisia Ahmed Araoud (Monastir, Tunisia), Mayssa Rebei, Sarra Saidani, Oumaima Chihaoui, Chaima Jelassi, Ghada Rebei	**PA6442**
Redefining the TIE Index Cut-off for Ventilator Weaning in Super-aged Patients Leonardo Geovú de Souza (Niterói (RJ), Brazil), Fernando de Oliveira, Alexandre Justiniano, Jocemir Lugon, Leonardo Souza	**PA6443**
Effects of inspiratory muscle training on weaning success and diaphragmatic function in prolonged mechanical ventilation: a multicentre RCT Shuo Chen (Beijing, China), Hongying Jiang	**PA6444**
Alertness Shapes Respiratory Drive: P0.1 and TIE Index in Weaning Success Leonardo Geovú de Souza (Niterói (RJ), Brazil), Alexandre Justiniano, Fernando de Oliveira, Leonardo Cordeiro de Souza	**PA6445**
Comparing Successful Weaning Trial through Adaptive Support Ventilation and Pressure Pupport Ventilation Faria Masood (Karachi, Pakistan), Ashok Kumar, Aneeha Alvi, Noshirwan P. Gazdor, Rawesha Hablani, Shayan Saleemi	**PA6447**

Timing of Tracheostomy and Risk of Adverse Outcomes in Prolonged Mechanical Ventilation — **PA6448**
Reeve D'Silva (New York, United States), Joshua Pregnar, Giorgi Chilingarashvili, Aimal Shah

Late Breaking Abstract - Forecasting ventilatory physiology and applying a clinically defined decision layer based on ERS criteria to derive interpretable extubation readiness predictions — **PA6449**
Mayur Murali (London, United Kingdom), Dominic Marshall, Ovidiu Serban, Melody Ni, Ramnarayan Padmanabhan, Luigi Camporota, Brijesh Patel

TIMING OF TRACHEOSTOMY IN CRITICALLY ILL PATIENTS: EFFECTS ON WEANING AND CLINICAL OUTCOMES — **PA6450**
Imen Kharrat (kairouan, Tunisia), Dhouha Ben Braiek, Sourour Bel Haj Youssef, Haifa Sfar, Rania Sassi, Amine Thabet, Chaima Khedhiri, Amani Kacem, Rahma Ben Jazia, Jihene Ayachi

Oropharyngeal ultrafast ultrasound measurements in mechanically ventilated critically ill patients do not identify post extubation stridor — **PA6451**
Margaux Machefert (Le Havre, France), Guillaume Prieur, Carlos Díaz López, Claire Dubois, Guillaume Schnell, Elise Artaud-Macari, Bouchra Lamia, Yann Combret, Clément Medrinal

Determinants of Muscle Excitability in Mechanically Ventilated Patients at Risk of Intensive Care Unit–Acquired Weakness (ICU-AW) — **PA6452**
Claire DUBOIS (Le Havre, France), Yann Combret, Guillaume Prieur, Léa Bansard, Clement Medrinal, Margaux Machefert

PS-6 Session 545 12:30 - 14:00

Poster session: Acute non-invasive respiratory support: outcomes, monitoring and care pathways

Disease(s) : Respiratory critical care | Sleep and breathing disorders | Airway diseases | Thoracic oncology | Interstitial lung diseases

Method(s) : General respiratory patient care | Respiratory intensive care | Palliative care | Endoscopy and interventional pulmonology

Tag(s) : Clinical

Chairs : Christoph Fisser (Donaustauf, Germany), Toni Marín (Badalona (Barcelona), Spain), Amanda Piper (Camperdown (NSW), Australia)

Determinants of acute non invasive ventilation outcome in very elderly patients (>80 Years): a retrospective cohort study — **PA6453**
Nilanjana Mitra (Kent, United Kingdom), Jayalekshmi Leena, Sandip Banerjee, Nikhil Dsouza

Predictive Value of the Non-invasive Ventilation Outcomes (NIVO) Score For In-hospital Mortality in Intensive Care Unit (ICU) Patients Receiving Non-invasive Ventilation (NIV) — **PA6454**
Fatma Arslan (Ankara, Türkiye), Meltem Essiz, Deniz Dogan Mulazimoglu, Mirac Oz Kahya, Aslihan Gurun Kaya, Serhat Erol, Akın Kaya

Impact of ventilator type on outcomes of non-invasive ventilation in acute hypercapnic chronic obstructive pulmonary disease exacerbations: a real-world cohort study — **PA6455**
Ambre Nguyen (Saint-Herblain, France), Cédric Bretonnière, Jean Morin, François-Xavier Blanc, Emmanuel Canet, Jaffré Sandrine

Predictors of non-invasive ventilation failure in ward-based menagement of hypercapnic respiratory failure — **PA6456**
Zeynab Jafarova (Ankara, Türkiye), Aslıhan Gurun Kaya, Serhat Erol, Akın Kaya

Active humidification during NIV in acute COPD exacerbation: a retrospective cohort study of $PaCO_2$ and pH changes — **PA6457**
Kamil` Pałyga (Wejherowo, Poland), Krzysztof Bigus, Julia Talaśka

Positive airway pressure to improve bronchoalveolar lavage salvage: a randomized prospective study. — **PA6458**
Anna Danel (Katowice, Poland), Patrycja Rzepka-Wrona, Krystian Bartczak, Michał Zieliński, Adam Warcholinski, Mikołaj Rycerski, Andrzej Swinarew, Grzegorz Brożek, Ewa Trejnowska, Aleksandra Oraczewska, Ewelina Tobiczyk, Szczepan Cofta, Wojciech Piotrowski, Szymon Skoczynski

Non-Invasive Ventilation Use Outside ICU Setting: Interim Analysis of an International Survey. The Pegasus Study. — **PA6459**
Antonio M. Esquinas (Murcia, Spain), Satheesh Munusamy, Ranganath Ganga, Sanjay Singhal, Nitin Pahuja, Pulkit Gupta, Hemant Kumar, Mohan Gurjar, Giuseppe Fiorentino, Dušanka Obradović, Alberto Lucchini, Denise Battaglini, Francesco Pennisi, Paolo Ruggeri, Mohan Gurjar, Salvatore Notaro, Mostafa Elshazly, Nicola Vargas, Peter Papadakos, Salvatore Spadaro, Munusamy Munusamy, Stefano Bambi, Szymon Skoczynski, Lokesh. Komarla Sundararaja, Martina Paternò, Jacabo Bacariza, Calvello Jonathan, Jose Luis Sandoval, Víctor Huízar-Hernández, Eldhos Jacob, Srishankar Bairy, Carishma. Sheela, Gaspar R Chiappa, Mohsen Sadeghi, Berkan Basançelebi, Elena Carrasco, Hajed M. Al-Otaibi., Bushra Mina

Quantifying the Psychological Impact of Prolonged Non Invasive Ventilation Use in Awake ICU Patients.The Homeric International PsychNetworking group. PA6460
Antonio M. Esquinas (Murcia, Spain), Mohamed Shuaib Musthafa, Aman Verma, Ghotraa Jaskaran, Jose Luis Sandoval, Víctor Huízar-Hernández, Mostafa Elshazly, Salvatore Notaro, Dipasri Bhattacharya, Berkan Basançelebi, Hamoud Hamoud Al-Nusairi, Eldhos Jacob, Akrithi Suvarna, Mohsen Sadeghi, Lucía Máiquez, Gaspar Chiappa, Bushra Mina, Şengül Şahin, Alessandro Colucci D'Amato, Hajed M. Al-Otaibi.

Manual compared to automated oxygen control strategies in hospitalised adults: a systematic review and meta-analysis PA6461
Louis Kirton (Napier, New Zealand), Mark Weatherall, Richard Beasley

Beyond the allograft: sleep-related ventilatory failure as a modifiable contributor to late morbidity after lung transplantation PA6462
Sobia Chaudhary (London, United Kingdom), Sharmila Withana, Sathiyamoorthy Sathiaurban, Jaymin Morjaria

Tolerance to Non-Invasive Mechanical Ventilation in Patients Adapted in a Pulmonology Day Hospital versus Conventional Hospitalization PA6463
Paula Martín Almazán (Madrid, Spain), Miguel Angel Salvador Maya, Lucía Gómez martín-Caro, Lenin Santiago Almeida Moreno, Annette Zevallos Villegas, Celia María Pinedo Sierra, Cristina Matesanz López, Lucía Orta Galindo, José Manuel Padilla Brito, Gianna Fiona Vargas Centanaro, Medardo José Montenegro Villavicencio, Carla Novoa García, Elizabeth Manuely Gonzalez Revilla

Indicators associated with mortality in oncological patients treated in a Respiratory Intermediate Care Unit: Our experience PA6464
Medardo Montenegro (Madrid, Spain), Miguel Angel Salvador Maya, Sofia Karamichali, Fernando Palaez Castro, Adalgisia Elena Elena, Lucia Gómez Martín-Caro, Lenin Santiago Almeida Moreno, Paula Martín Almazán, Lucia Orta Galindo, Annette Zevallos Villegas, Celia Pinedo Sierra, Cristina Matesanz López, José Manuel Padilla Brito, Marta Jimenez de la Paz, Elizabeth Gonzalez Revilla

Comparison of the effectiveness of high flow nasal oxygen and nasal continuous airway pressure applied during endobronchial ultrasonography PA6465
Erencan Begiç (İzmir, Türkiye), Kemal Can Tertemiz, Coşkun Ardan Şener, Leyla İyilikci Karaoglan, Erhan Ugurlu, Nilufer Savurmus

Early Prediction of ICU Admission and Intubation in COPD Exacerbations Requiring Noninvasive Ventilation: A Multicentre Risk Model PA6466
Ömer Selim Unat (Izmir, Türkiye), Damla Serçe Unat, Nilay Erten Turan, Mutlu Güçsav, Emine Sena Dikmentepe, Hakan Kahraman, Aydan Mertoğlu

Comparative effectiveness of high-velocity nasal insufflation versus non-invasive ventilation in acute respiratory failure: a systematic review and meta-analysis PA6467
Karl Jeffrey Murillo (Manila, Philippines), Mithi Kalayaan Zamora

Performance of the NIVO score in predicting mortality in patients with AECOPD receiving acute Non-invasive ventilation: a single centre audit PA6468
Muhammad Arslan Sharafat (Gillingham, United Kingdom), Zeeshan Rajput, Kashif Khan, Sandip Banerjee

Right Patient, Right Time, Right Pressure: Delivering Effective Non-Invasive Ventilation (NIV) PA6469
Laura Shannon (Northern Ireland, United Kingdom), Emma McNeill, Cormac McCool, Caoimhe McGarrigle, Matthew McCall

Initial non-invasive ventilation versus immediate invasive mechanical ventilation in ICU asthma: a propensity score weighted cohort study PA6470
Jasmine Tan (Singapore, Singapore), Woon Hean Keenan Chong, Wei Jun Dan Ong

Predictors of Noninvasive Ventilation(NIV) Failure and Development of a Clinical Risk Model in Intensive Care Patients With Acute Respiratory Failure(ARF) PA6471
Fatma Arslan (Ankara, Türkiye), Meltem Essiz

PS-7 Session 546 12:30 - 14:00

Poster session: Deciphering fibrotic processes in interstitial lung diseases

Disease(s) : Pulmonary vascular diseases | Respiratory critical care | Interstitial lung diseases | Airway diseases

Method(s) : Cell and molecular biology | Physiology | Imaging | Epidemiology

Tag(s) : Clinical, Translational

Chairs : Sukhwinder Sohal (Melbourne, Australia), Olivier Burgy (Dijon, France), Arnaud Mailleux (Paris, France)

Late Breaking Abstract - Identification of APBB2 as a therapeutic target for idiopathic pulmonary fibrosis Haiying Que (Chengdu, China), Weiqi Hong, Tianxia Lan, Xiawei Wei	**PA6472**
Anti-fibrotic effects of nerandomilast involving activated macrophages in a bleomycin-induced pulmonary fibrosis mouse model Nanako Hamada (Osaka, Japan), Kiyoharu Fukushima, Yoshiaki Hayashi, Daisuke Motooka, Eriko Fukui, Yasushi Shintani, Shizuo Akira	**PA6473**
A pharmacodynamic marker for admilparant: dose-dependent suppression of CA-125 in idiopathic pulmonary fibrosis Matthew Schaller (Morrisville, United States), Chun Wu, Raja Chakraborty, Melody Morris, Jinqi Liu	**PA6475**
GenSciP111: A novel lung-targeting CCN2 siRNA for pulmonary fibrosis Xiaoxing Wu (Shanghai, China), Binbin Wang, Xixi Chang, Mingcheng Xu, Gao Sun, Guliang Xia	**PA6476**
KAT5-mediated acetylation of STAT6 acts as an epigenetic brake in pulmonary fibrosis Tao Shasha (Chongqing, China), Youjing Yang, Yanmei Feng	**PA6477**
Chronic Hypoxia-Induced Mucus Drives Lung Epithelial Piezo1 to Promote Pulmonary Fibrosis via ER-Mitochondria Ca2+ Transfer Shengyu Hao (Shanghai, China), Xupeng Wen, Ming Zhong	**PA6478**
Investigating the lung pathology of usual interstitial pneumonia features in idiopathic pulmonary fibrosis, using multi-resolution computed tomography imaging Najmeh Assadinia (Vancouver, Canada), Stacy Ledoux, Fanny Chu, Joel D. Cooper, James C. Hogg, Dragos M. Vasilescu, Tillie-Louise Hackett	**PA6479**
Chronic lung disease and the BAL microbiome assessed with amplicon and shotgun sequencing Solveig Tangedal (Bergen, Norway), Andreu Paytuví-Gallart, Walter Sanseverino, Rune Nielsen, Tomas Eagan	**PA6480**
Transcriptomic analysis of lung organoids derived from patients with chronic obstructive pulmonary disease and Alpha-1 Antitrypsin Deficiency Beatriz Martinez Delgado (Madrid, Spain), Nerea Matamala, Sara Gil-Martín, Matías Antón García, Carlos Benitez-Buelga, Myriam Calle Rubio, Juan Luis Rodriguez Hermosa, Javier Alonso, Gema Gomez-Mariano	**PA6481**
Compartmentalized immune reprograming across lung parenchyma and lymph nodes in end-stage emphysema and fibrosis Theodore Kapellos (Munich, Germany), Evgeny Chichelnitskiy, Chiara Goracci, Rainer Knoll, Thomas Ulas, Letícya Melo, Kevin Baßler, Sina Dorn, Nico Reusch, Jonas Schulte-Schrepping, Matthias Becker, Kristian Händler, Tal Pecht, Charlotte Kröger, Martina van Uelft, Lorenzo Bonaguro, Jenny Kühne, Jürgen Behr, Alen Faiz, Philip Hansbro, Jana Keil, Joachim Schultze, Kerstin Beushausen, Fabio Ius, Lavinia Neubert, Ali Yildirim, Christine Falk	**PA6482**
Dysregulation of the Aryl Hydrocarbon Receptor - Leukemia Inhibitory Factor Axis in Pulmonary Fibrosis Yu-Cheng Wu (Taichung City, Taiwan), Pin-Kuei Fu, Meei-Ling Sheu	**PA6483**
Phage-borne Corisin Peptides in Transglycosylases as Drivers of Microbiota-induced Host Cell Toxicity Yurie Kogue (Tsu City, Japan), Hajime Fujimoto, Tomoko Anoh, Valeria Fridman D'Alessandro, Haruko Saiki, Tomohito Okano, Atsushi Tomaru, Corina D'Alessandro-Gabazza, Taro Yasuma, Esteban Gabazza, Tetsu Kobayashi	**PA6484**
The CXCL12-CXCR4 Axis Mediates Pulmonary Vascular-Endothelial-Immune Crosstalk and Drives Pathogenesis in Chronic Thromboembolic Pulmonary Hypertension Xincheng Li (shenzhen, China), Lu Sun, Xiaofan Ji, Jixiang Liu, Deming Gou, Zhenguo Zhai	**PA6485**
Therapeutic effects of bromocriptine on pulmonary arterial hypertension Miao Zhang (shanghai, China), Hui Zhao, FanPeng Gong, Xin Liu, Peng Sun, YuXuan Feng, ShuYing Jia, XingQuan Xiong, YuYan Liu, XiaoYa Wang, Ping Yuan, Xiao Song, WenHui Wu	**PA6487**
Difference in structural and function alteration of pleural lymphatic and blood vessels by pleurodesis agents in mouse Satoru Ebihara (Sendai, Japan), Xiang Li, Takae Ebihara, Tatsuma Okazaki	**PA6488**
Hypoxia-mimicking Conditions Modulate ABC Transporter Expression And Function In Human Aortic Endothelial Cells Clementine Puech (Toledo, Spain), Marcos de la Cruz Orgaz, Manuel Sánchez de la Torre	**PA6489**

Spatio-temporal Functional Mapping Reveals Stage-Dependent Mechanosensitive Module Shifts in Pulmonary Fibrosis **PA6490**
Lingna Wu (Nanjing, China), Yanhui Ren, Zihan Zhou, Yumeng Wang, Penghao Wang, Ziqi Wang, Anming Xu, Jie Chao

Antifibrotic treatment modulates monocytic transcriptional signatures in PBMCs from IPF patients **PA6491**
Alba Puebla (Esparreguera, Spain), Fernanda Hernandez-Gonzalez, Xavier Alsina, Alejandro Frino, Alvar Agusti, Jacobo Sellares, Rosa Faner, Tamara Cruz

PS-8 Session 547 12:30 - 14:00

Poster session: Advancing insights in COPD through innovative approaches

Disease(s) : Airway diseases

Method(s) : Cell and molecular biology General respiratory patient care Respiratory intensive care Imaging Physiology Pulmonary function testing Endoscopy and interventional pulmonology Public health

Tag(s) : Clinical, Translational

Chairs : H. Irene Heijink (Groningen, Netherlands), Alen Faiz (Ultimo (NSW), Australia), David Sanz Rubio (Zaragoza, Spain)

Late Breaking Abstract - Spatial and single-cell profiling reveal epithelial dysfunction in mixed centrilobular/paraseptal emphysema **PA6492**
David Sanz Rubio (Zaragoza, Spain), Yun Zhang, Joselyn J. Rojas-Quintero, Joshua Malo, Raúl San José Estépar, Thérèse S. Lapperre, Stijn E. Verleden, Francesca Polverino

Respiratory and systemic effects of particulate matter exposures **PA6493**
Anna-Karin Larsson-Callerfelt (Lund, Sweden), Jonas Sjöblom, Lovisa Jonason, Shanzina Sompa, Monica Kåredal, Sara Janhäll, Christina Isaxon, Sanna Kjellberg, Karin Danielsson, Susanna Lohman Haga, Karin Fromell, Lena Palmberg, Anna-Carin Olin

Gene-environment Interaction Involving Nicotinic Receptor Favors Lung Inflammation And Copd Development **PA6494**
Layal Massara (Lille, France), Lynda Saber Cherif, Anais Ollivier, Gwenola Kervoaze, Muriel Pichavant, Clara Duffossez, Amira Fawar, Olivier Le Rouzic, Gaetan Deslée, Stéphanie Pons, Uwe Maskos, Valerian Dormoy, Philippe Gosset

Ferroptosis inhibition with UAMC-3203 protects against cigarette smoke– and elastase-induced lung pathology in experimental COPD **PA6495**
Silke Geirnaert (Ghent, Belgium), Hannelore Van Eeckhoutte, Fien Vermaere, Tom Vanden Berghe, Koen Augustyns, Guy Brusselle, Phil Hansbro, Ken Bracke

Aberrant cellular microenvironments are linked to specific small airway lesions in chronic obstructive pulmonary disease (COPD) **PA6496**
Vincent Geudens (Leuven, Belgium), Jessica Nouws, Lynn Willems, Marta Zapata-Ortega, Pieterjan Kerckhof, Gitte Aerts, Charlotte Hooft, Xin Jin, Anse Somers, Jenny Nguyen, Nebal S. Abu Hussein, Taylor S. Adams, Laurens J. Ceulemans, Birgit Weynand, Robin Vos, Wim A. Wuyts, Wim Janssens, Joseph Jacob, Naftali Kaminski, Robert J. Homer, Francesca Polverino, Stephanie Everaerts, Ghislaine Gayan-Ramirez, Bart Vanaudenaerde, Maor Sauler

High-frequency blocking of vagal pulmonary B-fiber nerve conduction is a promising novel therapeutic opportunity for chronic obstructive pulmonary disease **PA6497**
Armin Schneider (Darmstadt, Germany), Christian Schumacher, Agata Sakowicz, Sonia Vivas, Andreas Westhof, Niklas Klingsporn, Annika Hermanns, Stephanie Herzog, Matthias Kamper, Vijayan Gangadharan, Niels Gomez, Dennis Plachta, Ariane Schad, Svenja Melbaum, Sören Stock, Max Eickenscheidt, Tim Boretius, Ioanna Bethani, Catalin Ion, Kai Koedderitzsch, Felix Herth, Frederik Trinkmann, Robert Spoelgen

Association of extracellular vesicles in bronchoalveolar lavage fluid with clinical outcomes in COPD **PA6498**
Francesca Conway (London, United Kingdom), Justine Devulder, Justin Garner, Sanooj Soni, James Tonkin, Anand Tana, Pallav Shah, Louise Donnelly, Peter Barnes

Comparative Profiling of Metabolic, Oxidative, and Immune Pathways in Diabetes, Asthma, and COPD **PA6499**
Josuel Ora (Roma (RM), Italy), Paola Rogliani, Alfonso Bellia, Corrado Pelaia, Antonio Brunetti, Marta Greco, Chiara Bellia, Nadia Starc, Davide Lauro

Characterising the lipidomic landscape of bronchoalveolar lavage fluid (BALF) in alpha-1 antitrypsin deficiency (AATD) **PA6500**
Emma Leacy (Dublin, Ireland), Malcolm Herron, Nyasha Munjoma, Lucy Kirwan, Rebecca Fitzgerald, Emma Farrell, Suzanne Roche, Eamon Mullen, David Quigley, Mark Murphy, Hania Khoury-Hollins, Noel McElvaney

Spatial mapping of aberrant basaloid and senescent cells reveals distinct and compartment-specific accumulation in COPD lung tissue — **PA6501**
Cecilia Andersson (Lund, Sweden), Caroline Sandén, Johan Ahlgren, Jimme Jönsson, Sandra Lindstedt, Ellen Tufvesson, David Dylus, Nicolas Mercado, Jonas Erjefält

The characteristics of blood and airway eosinophil phenotypes across asthma, COPD, and bronchiectasis — **PA6502**
Pei-Fen Wu (Douliu, Taiwan), Yen-Fu Chen, Ying-Yin Chen, Jung-Yien Chien, Hao-Chien Wang, Chong-Jen Yu

Validating the immunoproteasome as a theranostic target for COPD — **PA6503**
Silke Meiners (Sülfeld, Germany), Diego Kaufmann, Kathrin Kahnert, Karoline Gaede, Barbara Karlsdorf, Nikolas Köhler, Ilona Kammerl, Rudolf Joerres, Sandra Söhler, Claus Vogelmeier, Henrik Watz, Frauke Pedersen, Jürgen Behr, Yuqiong Yang, Nanshan Zhong, Rongchang Chen, Shenze Chen, Zhenyu Liang, Jia Li, Holger Schulz, Claudia Flexeder

Integrated systemic immune and metabolic investigations in Chronic Obstructive Pulmonary Disease (COPD) — **PA6504**
Laura Dowling (Newcastle, Australia), Evan Williams, Bronwyn Berthon, Hayley Scott, Christopher Grainge, Peter Wark, Lisa Wood

CAVIN2+ Airway Basal Cells in COPD — **PA6505**
Xinyuan Chen (Guangzhou, China), Jin Jing, Xinyu Song, Xiaoxiao Mao, Changhao Zhong, Shiyue Li

Lung resident eosinophils functionally differ from the circulation and are a driver of damage in eosinophilic COPD — **PA6506**
Steven Cass (London, United Kingdom), James Camp, Andy Graham, Richard Russell, Jonathan Baker, Mona Bafadhel

Divergent alterations of IL-36α and IL-36γ in the airways reflect systemic inflammation, impaired alveolar function and susceptibility to infections in current smokers with COPD — **PA6507**
Samuel Etienne (Basel, Switzerland), Nikolaos Pournaras, Elga Bandeira de Melo, Patricia Ramos Ramirez, Bettina Brundin, Karlhans Che, Nikolaos Lazarinis, Reza Karimi, Sven Nyrén, Apostolos Bossios, Magnus Sköld, Anders Lindén

Investigating the role of MMP-28 in regulating the progression of COPD emphysema disease — **PA6508**
Weilun Sun (New Taipei, Taiwan), Sheng-Ming Wu, Yi-Hsaun Liu, Hsiao-Chi Chuang, Po-Hao Feng, Kuan-Yuan Chen, Kang-Yun Lee, Shu-Chuan Ho

Epigenetic Imprinting of Airway Basal Cells by Smoking and COPD Is Associated with Secretory and Immune Remodeling in Airway Organoids — **PA6509**
Christoph Beisswenger (Homburg (Saar), Germany), Felix Ritzmann, Michelle Brand, Gilles Gasparoni, Xuan Zhang, Frank Langer, Jörn Walter, Daniela Yildiz, Robert Bals

Characteristics of nasal ciliary function in chronic obstructive pulmonary disease (COPD) — **PA6510**
Rebecca Dale (Leicester, United Kingdom), Robert Hirst, Maria Khan, Neil Greening, Hnin Aung

Distinct cytokine-driven mucin expression profiles in human bronchial epithelial BEAS-2B cells — **PA6511**
Francine Medjiofack Djeujo (PADUA, Italy), Pietro Ferri, Marco Solimano Negrini, Silvia Pontis, Giulia Natali, Davide Malfacini, Marcello Trevisani, Girolamo Calò

PS-9 Session 548 12:30 - 14:00

Poster session: Regenerative pathways and microenvironmental control in alveolar and vascular niche injury and recovery

Disease(s) : Interstitial lung diseases | Airway diseases | Respiratory critical care | Pulmonary vascular diseases

Method(s) : Cell and molecular biology | Respiratory intensive care | Physiology

Tag(s) : Basic science, Global reach, Translational

Chairs : Janine Gote-Schniering (Bern, Switzerland), Sara Cuevas Ocaña (Cambridge, United Kingdom), Harry Karmouty-Quintana (Houston, United States)

Late Breaking Abstract - Aerosolized mesenchymal stem cell–derived exosomes reverse pulmonary fibrosis through multi-target anti-fibrotic mechanisms — **PA6512**
Yuxuan Hou (Langfang, China), Jiao Ma, Qian Wang, Ye Zhang, Zheng Liu, Meng Yiran

Heparan sulfate mimetic OTR4120 induces a fibroblast–epithelial regenerative axis in the lung — **PA6513**
Manuela Marega (Giessen, Germany), Devi C. Sampebulu, Janine Koepke, Marek Bartkuhn, Tara Procida-Kowalski, Denis Barritault, Franck Chiappini, Agnes Chioppin, Cho-Ming Chao, Stefano Rivetti, Saverio Bellusci

Investigating the pro-repair content of extracellular vesicles derived from developing and adult lungs Qi Chen (London, United Kingdom), Sally Kim, Charlotte Dean	**PA6514**
Molecular and spatial characterization of pulmonary capillary endothelial cells states during the regeneration of the alveolar niche Bernard Mari (Valbonne, France), Marine Gautier-Isola, Nihad Boukrout, Truchi Marin, Hugo Cadis, Marie-Jeanne Arguel, Véronique Hofman, Paul Hofman, Christelle Cauffiez, Georges Vassaux, Sylvie Leroy, Nicolas Pottier, Pascal Barbry, Kevin Lebrigand	**PA6515**
Mesenchymal stem cells rescue alveolar type II cells from apoptosis by restoring mitochondrial bioenergetics via mitochondrial transfer in acute respiratory distress syndrome Xiao-Yue Chen (Taipei, Taiwan), Chien-Yi Hsu, Yu-Chen Lee, Pankaj K. Bhavsar, Kian Fan Chung, Hsiao-Chi Chuang	**PA6516**
Western diet accelerates alveolar ageing by reprogramming alveolar epithelial cells towards a fibrotic phenotype Amine Chahin (Marburg, Germany), Maria Camila Melo Narváez, Gowtham Boosarpu, Efthymios Fousekis-Papakonstantinou, Max Mikado Götz, Bernd Schmeck, Anna Lena Jung, Miguel A. Alejandre Alcázar, Sara Miguel da Silva, Mark Schmitt, Mareike Lehmann	**PA6517**
Human alveolar type 2 cells dysfunction in emphysema Perla Abou atmeh (Creteil, France), Jean Pasqueron, Lana Elu, Emma Sicherre, Thalles De-Freitas Castro, Anne Boiret, Gwenael Le Breton, Gaelle Rousseau Bussac, Jean-Yves Thuret, Mada Ghanem, Laurent Boyer	**PA6518**
Adenosine kinase dysregulation in chronic obstructive pulmonary disease and epithelial repair Christopher Flores (Pittsburgh, United States), Maggie Sedgwick, Ricardo Pineda, Corrine Kliment	**PA6519**
Natural pH fluctuations during human breathing appear to disrupt the mucin interactome by oscillation of pH above and below the cysteine pKa Milagros Castellanos (Madrid, Spain), Patricia Pedraz, Mark Gutay, Brian Button, David A. Edwards	**PA6520**
The Role and Mechanism of PRDX6 in Inhibiting NLRP3 Inflammasome Activation and Repairing Acute Lung Injury Xinyi Ning (Shanghai,China, China)	**PA6521**
Effects of pulmonary macrophage transplantation therapy in a mice model of emphysema Jun Ikari (Chiba, Japan), Akira Urano, Hiroki Tajima, Junko Takahashi, Megumi Katsumata, Eiko Suzuki, Takuji Suzuki	**PA6522**
Impaired epithelial redox signalling disrupts the distal alveolar niche and facilitates microvascular rarefaction Dana Cojocaru (Giessen, Germany), Edma Loku, Cheng-Yu Wu, Vinita Sharma, Chudamani Nuguri, Anis Cilic, Vidya Lakshmi, Henrike Treis, Zixiong Shen, Simone Kraut, Baktybek Kojonazarov, Claudia F Garcia Castro, Marek Bartkuhn, Silke Meiners, Andreas Guenther, Werner Seeger, Friedrich Grimminger, Oleg Pak, Ralf P. Brandes, Marija Gredic, Natascha Sommer, Norbert Weissmann, Stefan Hadzic	**PA6523**
ISX-9 promotes the expression of EDIL-3 in MSCs reducing ALI induced vascular permeability and apoptosis Yun Feng (ShangHai, China), HongChen Xiao, LinYan Yuan, XiaoYan Hu, YiFan Lu	**PA6524**
Pulmonary NOX4 plays a key role in the progression of asthmatic lung damage: Amelioration by Vitamin C SUJIT SARKAR (Kolkata, India), Koustubh Panda	**PA6526**
ZBTB7B sustains reparative Treg programs and promotes recovery from sepsis-induced ARDS Jinlu Ji (Shanghai, China), Dongyang Zhao, Fanyu Kong, Lunxian Tang	**PA6527**
Microenvironmental optimization enhances the therapeutic activity of mesenchymal stromal cell-derived extracellular vesicles in an ARDS in vitro model Isaac Almendros (Barcelona, Spain), Alicia Jurado, Anna Ulldemolins, Africa Martínez-Blanco, Jorge Otero, Ramon Farré, Núria Gavara, Albert Lu	**PA6528**
Integrated in vitro and in vivo IL13–driven goblet cell hyperplasia models for translational evaluation of airway remodeling therapies Maria Elena Manni (Verona, Italy), Matthew Pedercini, Nicola Pianca, Daniela Pompilio, Mariapia Brana`, Eugenia Maria Antonelli, Federico Faggioni, Valeria Bertani, Marine Shatirishvili, Greta Moretti, Mila Furlanetto, Lucia Minoli, Anna Sava, Rosaria Remelli	**PA6529**
Repair mechanisms of Mepolizumab on airways remodeling in patients with late-onset severe eosinophilic asthma and fixed obstruction, 1- and 3-year data of the MESILICO study Kalliopi Domvri (Thessaloniki, Greece), Konstantinos Porpodis	**PA6530**

Multi-omics identify NRF2 as central pro-inflammatory regulator in murine acute lung injury **PA6531**
Kristina Helten (Aachen, Germany), Mina Shaigan, Athanassios Fragoulis, Christoph Jan Wruck, Ivan G. Costa, Stefan Uhlig, Lucy Kathleen Reiss

Admilparant normalizes the vascular niche: evidence from precision-cut lung slices **PA6525**
Matthew Schaller (Morrisville, United States), Stephanie Boehm, Shannon Keenan, Can Jiang, Kaitlyn Weiler, Hoda Zarkoob, Xueer Chen, Chun Wu, Patrick Hagner, Gerald Horan

Studio — Session 549 — 12:30 - 13:15

EU project: From SOLACE to ELCSA: Turning European Lung Cancer Screening into sustainable practice

The European Lung Cancer Screening Alliance: Networking Europe for Action!

Aims : This session aims to move beyond reporting project progress and instead provide a roadmap for implementing sustainable lung cancer screening across Europe. Drawing on lessons from SOLACE pilots and early national programmes, it will identify key determinants of successful implementation and translate these into scalable approaches. In addition, the session will introduce the European Lung Cancer Screening Alliance (ELCSA) as a collobrative framework of ERS and ESR.

Disease(s) : Thoracic oncology

Method(s) : General respiratory patient care Imaging Public health

Tag(s) : Clinical, Prevention

Target audience : Adult pulmonologist/Clinician, General practitioner, Physician in Pulmonary Training, Radiologist, Thoracic oncologist, Thoracic surgeon, Journalist

Chairs : Martina Koziar Vasakova (Praha, Czech Republic), Miroslav Samaržija (Zagreb, Croatia)

12:30 **From pilots to practice: lessons learned on implementation from lung cancer screening across Europe** **6532**
Joanna Chorostowska-Wynimko (Warsaw, Poland)

12:45 **Beyond SOLACE: integrating initiatives into a European network for sustainable lung cancer screening** **6533**
Torsten Gerriet Blum (Berlin, Germany)

13:00 **Discussion and Q&A** **6534**
All speakers

1A — Session 555 — 13:45 - 15:15

State of the art session: Interstitial lung disease

From precision medicine to digital and multidisciplinary care

Aims : To provide an up-to-date, state-of-the-art overview of how technological innovation, precision medicine and interdisciplinary care could reshape the diagnosis, monitoring and management of interstitial lung disease (ILD); to review emerging digital tools (remote monitoring, wearables, patient-reported outcomes and artificial intelligence imaging techniques) and their evidence-based use in ILD care; to discuss the current and future role of precision medicine in ILD care, including phenotyping, prognostication and treatment individualisation; to highlight the importance of interdisciplinary and network-based approaches in the management of rare and complex lung diseases; to present new insights into pulmonary hypertension associated with ILD, one of the most prevalent complications in ILD that has a negative impact on patient survival, focusing on diagnosis, risk stratification and evolving management strategies; to identify implementation challenges, ethical considerations and research priorities, all of which must be considered in order to integrate these advances into routine clinical practice.

Disease(s) : Interstitial lung diseases Pulmonary vascular diseases

Method(s) : Cell and molecular biology General respiratory patient care Pulmonary rehabilitation

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist, Pharmacist

Chairs : GEORGE MARGARITOPOULOS (THESSALONIKI, Greece), Manuela Funke-Chambour (Lausanne, Switzerland), Jelle Rindert Miedema (Rotterdam, Netherlands)

13:45 **Beyond the clinic: digital innovation and artificial intelligence in ILD care** **6560**
Phil Molyneaux (London, United Kingdom)

14:00 **Precision medicine in fibrotic ILD: from phenotyping to personalised therapy** **6561**
Pilar Rivera Ortega (Exeter, United Kingdom)

14:15 **Breaking silos: interdisciplinary care for ILD** **6562**
Nicole Goh (Melbourne (VIC), Australia)

14:30	**Pulmonary hypertension in ILD: new concepts in diagnosis and management** George Giannakoulas (Thessaloniki, Greece)	**6563**
14:45	**Discussion and Q&A** All speakers	**6564**

3L Session 556 13:45 - 15:15

Symposium: Redefining the COPD spectrum of care: towards personalised and equitable care for people living with COPD

Aims : To explain how to redefine COPD care by integrating precision medicine, prevention and equity into clinical practice; to provide delegates with an updated overview of cutting-edge strategies for early detection and novel pharmacotherapies including biologics; to explore occupational and comorbidity factors, and approaches to ensuring equitable access to high-quality care across diverse populations.

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Public health

Tag(s) : Clinical, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Patient, Physician in Pulmonary Training, Respiratory physiotherapist, Respiratory therapist, Journalist

Chairs : Sachin Ananth (London, United Kingdom), Alexander Mathioudakis (Manchester, United Kingdom), Ioana Agache (Brasov (Brasov), Romania)

13:45	**Patient testimony** Gregorio Gamez (, Spain)	**6565**
13:50	**Equity in precision: addressing COPD care gaps across patient populations** Hilary Pinnock (Edinburgh, United Kingdom)	**6566**
14:05	**Early and undiagnosed COPD: does early detection improve long-term outcomes?** Guy Brusselle (Ghent, Belgium)	**6567**
14:20	**Severe COPD: definitions, Delphi and a treatable disease trait?** Mireille C. Melles (Rotterdam, Netherlands)	**6568**
14:35	**COPD maintenance treatment reimagined: precision pharmacotherapies, biologics and comorbidities** Sanjay Ramakrishnan (Perth, Australia)	**6569**
14:50	**Discussion and Q&A** All speakers	**6570**

3B Session 557 13:45 - 15:15

Clinical trials session: ALERT 2: Towards the golden age of respiratory science?

Airway diseases, pneumonia and paediatrics

Aims : The ALERT sessions (Abstracts Leading to Evolution in Respiratory Medicine Trials) showcase important and very late-breaking clinical trial data from all respiratory disease areas. Presenters, discussants, session chairs and the audience will actively discuss the showcased trials.

Disease(s) : Airway diseases Respiratory critical care

Method(s) : General respiratory patient care Pulmonary function testing Respiratory intensive care

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Darren Taichman (Boston, United States), Adam Barczyk (Katowice, Poland)

Discussants : Lena Uller (Lund, Sweden), Refika Hamutcu Ersu (Ottawa, Canada)

13:45	**Late Breaking Abstract - Tozorakimab to prevent COPD exacerbations: results from the replicate OBERON and TITANIA phase 3 studies** Frank Sciurba (Pittsburgh, United States), Henrik Watz, Arnaud Bourdin, Wim Janssens, Fernando J Martinez, Jinping Zheng, Maarten van den Berge, Matteo Bonini, MeiLan K Han, Dave Singh, Gerard J Criner, Christopher E Brightling, Alberto Papi, Surya P Bhatt, Martin Jenkins, Marta Mikosz, Piotr Cholbinski, Monika Ziemiecka, Magnus Löfdahl, Deepa Arya, Madhavi Yadavalli, Bryan H Brodek, Malin Fagerås, Samuel Bardsley, Neil Martin, Rajesh Patel, Ioannis Psallidas	**RCT6571**
13:52	**RCT Abstract - Lunsekimig for patients with moderate-to-severe asthma: results from the AIRCULES trial** Njira L Lugogo (Ann Arbor, United States), Monica Kraft, Ian Pavord, Guy Brusselle, Ruchong Chen, Kazuto Matsunaga, Gautier Paux, Florian Voss, Julian Lel, Lucia De Prado Gomez, Heribert Staudinger, Benjamin T. Suratt, Megan Hardin, Sarah Chu, Bina Choi	**RCT6572**

13:59	**RCT Abstract - Combined Aerosolized Budesonide and Formoterol for Hospitalized Patients with Pneumonia and Hypoxemia: The Arrest Respiratory Failure due to Pneumonia (ARREST) Multicenter Randomized Controlled Trial** Joseph Levitt (Stanford, United States), Haley Hedlin, Angela J Rogers, Victoria Ding, Justin Lee, Di Lu, Ken W Mahaffey, Ognjen Gajic, Michael A Matthay, Jennifer W Wilson, Christian Bime, Nina Gentile, Odeyemi Yewande, Rodrigo Cartin-Ceba, William Checkley, David A Kaufman, Joshua L Denson, Kami Hu, Marie-Carmelle Elie, Rosemary Vojnik, Manisha Desai, Emir Festic	**RCT6573**
14:06	**Wrap-up and discussion** Lena Uller (Lund, Sweden)	**RCT6574**
14:33	**Late Breaking Abstract - Effects of targeting higher versus lower oxygen saturations limits in preterm infants with bronchopulmonary dysplasia: a multicentre randomized controlled trial** Rosemarie de Ridder (Amsterdam, Netherlands), Stephanie Balink, Wes Onland, Peter Dijk, Anthon Hulsmann, Anton van Kaam, André Kroon, Maruschka Merkus, Irwin Reiss, Arwen Sprij, Elianne Vrijlandt, Mariëlle Pijnenburg	**RCT6575**
14:40	**RCT Abstract - Safety and efficacy of vanzacaftor/tezacaftor/deutivacaftor in children with cystic fibrosis aged 2 to 5 years (TIMBERLINE Trial VX21-121-105): a phase 3, open-label study** Marcus Mall (Berlin, Germany), Jonathan Rayment, Gwyneth Davies, Jonathan Gaffin, Jordana Hoppe, Ajay Kasi, Edward McKone, Bonnie Ramsey, Jennifer Taylor, Elizabeth Tullis, Emily McDougall, Robin Pottackal, Rachel Zahigian, Katie Krone, Mark Jennings, James Chmiel	**RCT6576**
14:47	**Wrap-up and discussion** Refika Hamutcu Ersu (Ottawa, Canada)	**RCT6577**

3C Session 558 13:45 - 15:15

Mini symposium: Pleural infection: interventions to improve patient outcomes

Aims : To explore the evidence behind different interventions that are used to escalate the management of the non-improving patient with pleural infection, focusing on evidence on how these interventions positively impact patient-related outcomes.

Disease(s) : Respiratory infections

Method(s) : Endoscopy and interventional pulmonology Imaging Surgery

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, Patient, Physician in Pulmonary Training, Thoracic surgeon

Chairs : Deirdre Fitzgerald (Blackrock, Ireland), Eihab Bedawi (Oxford, United Kingdom), Dirk-Jan Slebos (Groningen, Netherlands)

13:45	**Pleural fibrinolytics: do they treat the patient or the X-ray?** Jose Porcel Perez (Lleida, Spain)	**6578**
14:00	**Is surgery for pleural infection an outcome to avoid at all costs?** Kalliopi Athanassiadi (Athens, Greece)	**6579**
14:15	**Medical thoracoscopy for pleural infection: in pursuit of evidence** Federico Mei (Ancona (AN), Italy)	**6580**
14:30	**Discussion and Q&A** All speakers	**6581**

3D Session 559 13:45 - 15:15

Symposium: Delivering net-zero respiratory health

Patient priorities, sustainability strategies, policy pathways and artificial intelligence-driven innovation

Aims : To explore how net-zero targets in respiratory healthcare, with a particular focus beyond the existing greener options, such as switching from high-carbon metered-dose inhalers to low-carbon dry powder inhalers (DPIs) and inhaler recycling, can be implemented responsibly and equitably; to examine the potential role of artificial intelligence (AI) in supporting these transitions and investigate how these environmental innovations can be aligned with clinical evidence and patient preferences, ensuring that care quality, safety and autonomy are never compromised; to foster dialogue among clinicians, researchers, pharmacists, AI developers and patients to evaluate what is feasible, ethical and sustainable in driving respiratory care towards net-zero goals; to explore the attitudes, concerns and experiences of patients around switching to greener respiratory care options; to explore the current greener options (e.g. switching to low-carbon DPIs and inhaler recycling) and current evidence on their real-world impact on both patient outcomes and carbon emissions; to discuss real-world clinical and ethical challenges in implementing greener respiratory care strategies; to explore the role of AI in supporting net-zero care by examining how AI tools could support sustainable prescribing, personalised treatment pathways and improve inhaler training and adherence, while safeguarding against inappropriate generalisations; to facilitate multidisciplinary collaboration by bringing together diverse stakeholders to share perspectives, align efforts and stimulate discussion on future research, policy and clinical practice priorities that reflect both environmental and patient-centred goals.

Disease(s) : Airway diseases | Paediatric respiratory diseases | Respiratory infections

Method(s) : General respiratory patient care | Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Sustainability, Digital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physiologist, Scientist (basic, translational), Journalist

Chairs : Guido Vagheggini (Volterra (PI), Italy), Ee Ming Khoo (Kuala Lumpur, Malaysia)

13:45	**Patient perspectives on sustainable respiratory care: is this right for me?** Mikaela Odemyr (Örnsköldsvik, Sweden)	**6582**
14:00	**Sustainability, the environment and respiratory care beyond greener inhalers and their clinical evidence** Christer Janson (Uppsala, Sweden)	**6583**
14:15	**Real-world challenges in implementing greener respiratory care strategies into everyday practice** Io Chi-Yan Hui (Edinburgh (Edinburgh), United Kingdom)	**6584**
14:30	**A policy perspective: can AI achieve personalised care, trust and sustainability?** Patrick L. Moral (Manila, Philippines)	**6585**
14:45	**Discussion and Q&A** All speakers	**6586**

3E Session 560 13:45 - 15:15

Hot topics: Beyond guidelines: real-world data and patient voices in severe asthma

Aims : To highlight the importance of co-creating care and making shared decisions for children and adults with severe asthma, by integrating real-world data, expert consensus and the experiences of patients affected by the condition; to discuss patient-driven priorities, such as treatment burden and unmet needs; to present the collaboration between the two ERS clinical research collaborations SPACE (Severe Paediatric Asthma Collaborative in Europe) and SHARP (Severe Heterogeneous Asthma Research Collaboration, Patient-centred), to exemplify how collaborative research can lead to improved patient-centred respiratory care.

Disease(s) : Airway diseases | Paediatric respiratory diseases

Method(s) : Epidemiology | General respiratory patient care | Public health

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Journalist

Chairs : Linda Clephane (Dumbarton, United Kingdom), Franca Rusconi (Pisa, Italy), Imran Satia (Hamilton, ON, Canada)

13:45	**Real-world severe asthma in children and adolescents: who are we treating?** Norrice Liu (London, United Kingdom)	**6587**
14:00	**Real-world severe asthma in adults: insights from SHARP** Apostolos Bossios (Stockholm, Sweden)	**6588**
14:15	**Biologics in children: expert consensus on choosing and stopping** Marielle Pijnenburg (Rotterdam, Netherlands)	**6589**
14:30	**Patients as partners: shaping research and care in severe asthma** Hilary Hodge (Montreuil-Juigne, France)	**6590**
14:45	**Discussion and Q&A** All speakers	**6591**

3F Session 561 13:45 - 15:15

Symposium: Advancing respiratory science through collaborative research: innovations in disease modelling and drug discovery

Aims : To provide participants with examples of cutting-edge in vitro models for studying human disease; to showcase how these models can support fundamental and translational research, including drug discovery; to bring together established and leading as well as upcoming researchers with a clear focus on advanced cell culture models; to highlight the rapid developments in the field and their implications for understanding and treating acute and chronic lung diseases.

Disease(s) : Airway diseases Interstitial lung diseases

Method(s) : Cell and molecular biology

Tag(s) : Basic science, Translational

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Physician in Pulmonary Training, Scientist (basic, translational)

Chairs : Didier Cataldo (Liege, Belgium), Irma Mahmutovic Persson (Lund, Sweden), Anne M. van der Does (Leiden, Netherlands)

13:45	**Next-generation in vitro lung-on-a-chip systems: bridging basic and translational research in respiratory pathophysiology of injury, inflammation and immunity** Olivier Guenat (Bern, Switzerland)	**6592**
14:00	**Modelling respiratory viral infections using human-induced pluripotent stem cells** Rhiannon Werder (Melbourne (VIC), Australia)	**6593**
14:15	**Precision in preclinical models: sex-based insights into ILD using hiPSCs** Killian Hurley (Co. Meath, Ireland)	**6594**
14:30	**Omics-guided drug discovery in chronic lung disease: translating bench discoveries into therapies for lung repair** Maor Sauler (North Haven, United States)	**6595**
14:45	**Discussion and Q&A** All speakers	**6596**

3G Session 14:00 - 15:30

Ceremony and networking sessions: General Assembly (ACTIVE ERS MEMBERS ONLY)

Chairs : Joanna Chorostowska-Wynimko (Warsaw, Poland)

14:00	**General Assembly meeting** Joanna Chorostowska-Wynimko (Warsaw, Poland)	

3H Session 562 14:15 - 15:30

Oral presentation: Infectious, inflammatory and structural lung disease in children

Disease(s) : Airway diseases

Method(s) : Respiratory intensive care Epidemiology General respiratory patient care Cell and molecular biology Public health Pulmonary rehabilitation

Tag(s) : Clinical, Translational

Chairs : Nadine Freitag (Krefeld, Germany), Milena Bjelica (Novi Sad, Republic of Serbia)

14:15	**Late Breaking Abstract - Longitudinal Impact of Internal Migration Status on Routine Vaccination Coverage in the First Three Years of Life: A Birth Cohort Study — Beijing** Luodan Suo (Beijing, China), Zhiqiang Cao, Rui Yu, Qianli Yuan, Yushu Feng, Wenyan Ji, Pei Gao, Xiaojing Wen, Zhujiazi Zhang	**OA6597**
14:20	**Single-cell multi-omic landscape reveals specific immune features in M.pneumoniae pneumonia with plastic bronchitis** Yuqing Wang (Suzhou, China), Jiang Wujun	**OA6598**
14:25	**Modeling Saliva Aspiration–Related Lung Epithelial Injury in a Paediatric In Vitro System** Nadine Freitag (Krefeld, Germany), Christina Vohlen, Jörg Dötsch, Ertan Mayatepek, Miguel A. Alejandre Alcázar	**OA6599**
14:30	**Clinical evaluation of a newly developed interactive digital breathing game system in children with bronchiectasis: A case series** Hilal Denizoglu Külli (Istanbul, Türkiye), Meltem Kaya, Hikmet Ucgun, Aysenur Temizel Tombul, Erkan Cakir	**OA6600**
14:35	**Clinical epidemiological characteristics of hospitalised paediatric bronchiolitis obliterans in China: a multicentre, cross-sectional study** Liwei Gao (Beijing, China), Xinyu Wang	**OA6601**

14:40	**Association of upper airway symptoms with pulmonary exacerbations in people with primary ciliary dyskinesia** Pinelopi Anagnostopoulou (Nicosia, Cyprus), Panayiotis Kouis, Dilber Ademhan Tural, Sarah Altaraihi, Simona Basilicata, Melissa Borrelli, Athina Christofidou, Hatice Nur Coemert, Renato Cutrera, Nagehan Emiralioglu, Ela Erdem, Yasemin Gokdemir, Serena Grazi, Elpis Hatziagorou, Simone Helms, Bulent Karadag, Debora Maj, Marcus Mall, June Marthin, Nicos Middleton, Antonio Moreno-Galdó, Ugur Özçelik, Massimo Pifferi, Stefani Hadjievagorou, Christos Antoniou, Antria Avraam, Andria Papapolyviou, Johanna Raidt, Jobst Roehmel, Sandra Rovira-Amigo, Francesca Santamaria, Ioannis Tsiolakis, Nicola Ullmann, Niklas Zieghan, Kim G. Nielsen, Heymut Omran, Panayiotis Yiallouros	**OA6602**
14:45	**Impact of Household Biomass Exposure on Severe Bronchiolitis among under two Children in Sokoto, Northwestern Nigeria.** Idrees Abiodun Rufai (Sokoto, Nigeria), Fatimah Isiaq Abubakar, Saad Abubakar, Fatimah Shagari, Bilkisu Ilah Garba	**OA6603**
14:50	**Assessing endotracheal aspirates as surrogates of paediatric lower airway microbiota** Sean Campbell (Glasgow, United Kingdom), Konstantinos Gerasimidis, Simon Milling, Ross Langley	**OA6604**
14:55	**Prenatal antibiotic exposure alters the newborn metabolomic profile and increases risk of respiratory infections in childhood** Nicklas Brustad (Gentofte, Denmark), Marie Hauerslev, Tingting Wang, Anton Kjellberg, Yang Luo, Jonathan Thorsen, Susanne Brix, Tamo Sultan, Søren Sørensen, Madeleine Ernst, Jakob Stokholm, Klaus Bønnelykke, Bo Chawes	**OA6605**
15:00	**Intravenous-to-oral antibiotic switch in paediatric pleural empyema: a multicentre UK service evaluation** Charlotte Rampton (Southampton, United Kingdom), Max Tagg, Callum Tipton, Georgia Mason, Hazel Evans, Ioannis Kyrgios, Jemma Shanley, Katrina Cathie, Louisa Pollock, Michael Carter, Simone Paulson, Sonal Kansra, Stephane Paulus, Tamanna Rahimi, Theofilos Polychronakis, Thomas Waterfield, Samuel Ensor, Eleanor Pontac, Megan Dale, Benjamin Ng, Mildred. A Iro	**OA6606**
15:05	**Discussion and Q&A** All speakers	**OA6607**

3I Session 563 14:15 - 15:30

Oral presentation: Bronchiectasis: treatment, risk stratification and outcomes

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Public health Endoscopy and interventional pulmonology

Tag(s) : Clinical

Chairs : Hayoung Choi (Seoul, Republic of Korea), Carlijn Veldman (Zwolle, Netherlands)

14:15	**Late Breaking Abstract - Association of sputum eosinophils with clinical characteristics, disease stability, and exacerbation risk in bronchiectasis** Mingxin Shi (guangzhou, China), Shengzhu Lin, Chunxian Cen, Qinglin Zhang, Yonghua Gao, Xiaoxian Zhang, Weijie Guan	**OA6608**
14:20	**Impact of the dipeptidyl peptidase 1 (DPP1) inhibitor verducatib on severe pulmonary exacerbations (PExs) in bronchiectasis: Pooled Phase 2 results from AIRLEAF® and CLAIRLEAF®** Michal Shteinberg (Haifa, Israel), Marcus A. Mall, Wiebke Sauter, Anastasia Eleftheraki, Johanna Rauch, James D. Chalmers	**OA6609**
14:25	**Bronchoalveolar lavage with N-acetylcysteine for acute exacerbations of bronchiectasis (BALANCE): a randomised controlled trial** Hongying Ma (Ningbo, China), Zhongbo Chen, Xinying Sun, Chao Cao	**OA6610**
14:30	**Real-world effectiveness and safety of long-term macrolides in bronchiectasis: a first glimpse into the GEMSTONE study** Mattia Nigro (Milan, Italy), Edoardo Simonetta, Vincenzo Alberto Artuso, Claudia De Mari, Oriol Sibila, Ezequiel Baran, Rosa Maria Giron Moreno, Beatriz Raboso Moreno, Patricia Mínguez Clemente, Hayoung Choi, Pierre-Regis Burgel, Kada Bentata, Daniela Buklioska Ilievska, Irina Ruxandra Strambu, Andrea Vukič Dugac, Takanori Asakura, Wang Chun Kwok, Dejan Radovanovic, Jelena Jankovic, Seung Won Ra, Giulia Spoletini, Pieter C. Goeminne, Anthony De Soyza, Raja Dhar, Jin-Fu Xu, Sanjay H. Chotirmall, James D. Chalmers, Stefano Aliberti	**OA6611**

14:35	**Inhaled Aztreonam lysine to treat chronic gram-negative infections in patients with bronchiectasis: results from the VITAL-BE trial** Rebecca C Hull (Dundee, United Kingdom), Jamie Stobo, Emma Johnson, Holly Lind, Eve McIntosh, Zsofia Eke, Hannah Dickson, Ashleigh Foubister, Amy Gilmour, Hollian Richardson, Daniela Alferes de Lima Headley, Qingyou Du, Chandani Hennayake, Michael R Loebinger, Paul Walker, Muhammad Anwar, Tom Bewick, Huw Ellis, Anthony De Soyza, Mary Carroll, Freddy J Frost, Dawn Lau, Joanna L Whitehouse, Margaret Band, Fiona McLaren-Neil, Merete B Long, James D Chalmers	**OA6612**
14:40	**Inhaled tobramycin for eradication of Pseudomonas aeruginosa in bronchiectasis** Jin-fu Xu (Shanghai, China), Yong-Hua Gao, Hui-Zhen Zheng, Yang Liu, Hai-Wen Lu, James D Chalmers, Jie-Ming Qu	**OA6613**
14:45	**Effect of Adult Pneumococcal Vaccination on Clinical Outcomes and Mortality in Patients with Bronchiectasis** Sevim Nur Erkayıran (Adana, Türkiye), Özlem Erçen Diken, Gözde Matyar, Omur Gungor, Nurten Aysan	**OA6614**
14:50	**Co-morbid diabetes is associated with increased disease severity and microbial changes in bronchiectasis: Combined analysis of the EMBARC, EMBARC-India, Australian and BE-China registries** Rebecca C Hull (Dundee, United Kingdom), Yang Liu, Zu Cao, Kathryna Tan Li Xuan, Merete B Long, Stefano Aliberti, Lucy Morgan, Raja Dhar, James D Chalmers, Jin-Fu Xu, On on behalf of EMBARC, EMBARC-India, Australian bronchiectasis registry and BE-China	**OA6615**
14:55	**Identification of comorbidity phenotypes and their association with clinical outcomes in bronchiectasis** Minghui Shi (Beijing, China), Jisong Yan, Wei Li, Ting Yang, Ke Huang	**OA6616**
15:00	**Pre-existing bronchiectasis and clinical outcomes after respiratory syncytial virus infection in adults: a nationwide propensity-matched cohort study** Pin-Kuei Fu (Taichung, Taiwan), Ren-In Change	**OA6617**
15:05	**Discussion and Q&A** All speakers	**OA6618**

3J Session 564 14:15 - 15:30

Oral presentation: Understanding the unexpected in airway disease

Disease(s) : Airway diseases

Method(s) : Epidemiology General respiratory patient care Pulmonary function testing Imaging Physiology Cell and molecular biology Public health

Tag(s) : Clinical, Digital health

Chairs : Kristian Brat (Brno, Czech Republic), Imen Guedri (Monastir, Tunisia)

14:15	**Late Breaking Abstract - Development of a novel cardiovascular risk assessment tool specific to patients with COPD that includes spirometry, exacerbations and inflammatory biomarkers** Suurya Krishnan (Montreal, Canada), Pei Li, Jean Bourbeau	**OA6619**
14:20	**Structural brain imaging in biologic naïve T2-high severe asthma, baseline data from the CONTENTed study.** George W Nava (Bristol, United Kingdom), Mariana da Silva, Victoria Cobham, Caitlin R Morgan, Jack S Grenville, Rahul Shrimanker, Ben Ainsworth, Paul White, Paul W Jones, Tom R Barrick, James W Dodd	**OA6620**
14:25	**Association of vocal cord dysfunction score with pulmonary, extrapulmonary and behavioural factors and asthma severity: a cross-sectional study** Dhruv Talwar (Patna, India), Deependra Kumar Rai, Saurabh Karmakar, Somesh Thakur, Niraj Kumar Singh, Parul Sharma, Sreyashi Pal, Swati Swati, Shivam Sinha	**OA6621**
14:30	**Fibroblast growth factor-23 (FGF-23) associates with reduced lung function in male children and adolescents** Tiago Jacinto (Porto, Portugal), Kjell Alving, Hannes Manell	**OA6622**
14:35	**The Relationship of Airway Mucus-Plug Density and Texture Heterogeneity with Lung Function in GINA4/5 Asthma** Eveline Durom (London, Canada), Sam Tcherner, Anurag Bhalla, Hana Serajeddini, Cory Yamashita, Grace Parraga	**OA6623**
14:40	**Relevance of bronchial mucosa “inflammometry” in severe OCS-dependent refractory asthma** Fabio L. M. Ricciardolo (Torino, Italy), Elisa Arrigo, Vitina Carriero, Stefano Levra, Mirella Profita, Giuseppe Guida, Francesca Bertolini	**OA6624**

14:45	**ECG abnormality Increased Risk of COPD, Cardiovascular Events, and Death in Individuals with Pre-COPD: A Prospective Cohort Study** Sang Hyuk Kim (Seoul, Republic of Korea), Chin Kook Rhee, Joon Young Choi, Kyung Hoon Min	**OA6625**
14:50	**Clinical determinants of blood eosinophils count in obstructive lung disease: A nationwide cohort study** Peter Ascanius Jacobsen (Aalborg, Denmark), Yunus Colak, Shoaib Afzal, Kjell Erik Julius Håkansson, Marie Dam Lauridsen, Christian Torp-Pedersen, Kristian Kragholm, Ulla Møller Weinreich	**OA6626**
14:55	**Lifetime Smoking Duration, Intensity and Cigarette constituents Differentially Affect Fractional Exhaled Nitric Oxide** Reshed Abohalaka (Göteborg, Sweden), Bright Nwaru, Hannu Kankaanranta, Helena Backman, Madeleine Radinger, Lowie Vanfleteren	**OA6627**
15:00	**Exacerbation Reduction Over Three Years with Beclometasone/Formoterol/Glycopyrronium in Asthma: Real-World Evidence from the TriMaximize Study** Frederik Trinkmann (Heidelberg, Germany), Valentina Bogoevska, Richard Russell, Charlotte Suppli Ulrik, Wolfgang Pohl, Vicente Plaza, Arnaud Bourdin, Maciej Kupczyk, Fulvio Braido, Alexander Hahn, Celina Fritz, Veronika Grickschat, Christian Gessner	**OA6628**
15:05	**Discussion and Q&A** All speakers	**OA6629**

3K Session 565 14:15 - 15:30

Oral presentation: Top selected abstracts in pulmonary embolism: showcasing the most outstanding contributions

Disease(s) : Pulmonary vascular diseases | Airway diseases | Sleep and breathing disorders

Method(s) : General respiratory patient care | Cell and molecular biology | Public health | Epidemiology | Imaging | Pulmonary function testing | Surgery | Pulmonary rehabilitation

Tag(s) : Clinical

Chairs : Luis Jara-Palomares (Sevilla, Spain), Ümran Özden Sertçelik (Ankara, Türkiye)

14:15	**Late Breaking Abstract - Efficacy and safety of an 8-week home-based physiotherapist-supervised exercise training program for patients with recent acute pulmonary embolism: the PE@HOME randomized trial** R.M.A. Mali (Leiden, Netherlands), D Luijten, J van Es, C van Kan, A Vonk-Noordegraaf, B Langeveld, I van der Lee, M Overbeek, M. van der Plas, J van den Berg, D. Schuitema, T van Mens, M Huisman, M Spruit, W. Ghanima, S. Barco, M Ninaber, F Klok	**OA6630**
14:20	**Biomarkers of immunothrombosis and sleep-related hypoxaemia are independently associated with persistent perfusion defects 3 months after pulmonary embolism** Enrique Gonzalo-Martin (Sevilla, Spain), Carlos Carrera Cueva, Noelia Sola Idigora, Carmen Marín Hinojosa, Alicia Sánchez-Roncero, Lourdes Cervantes Borreguero, María Dolores Núñez Ollero, Aldara García Sánchez, Irene Cano Pumarega, Grace Jacqueline Oscullo Yépez, Jeisson Osorio Trujillo, Amaia Urrutia Gajate, Valentín Cabriada Nuño, Agustina Rivas Guerrero, Alberto García Ortega, Araceli Abad Fernández, Julia Oto Martínez, Pilar Medina Badenes, Henry Antonio Andrade Ruiz, María Isabel Asensio Cruz, Teresa Elías Hernández, María Ángeles Sánchez-Armengol, Remedios Otero Candelera, Candelaria Caballero Eraso	**OA6631**
14:25	**Single-cell transcriptomic analysis reveals the cellular composition and heterogeneity of acute pulmonary embolism thrombi** peng sun (shanghai, China), Fanpeng Gong, Xin Liu, Miao Zhang, Yuxuan Feng, Ping Yuan, Xiao Song, Wenhui Wu	**OA6632**
14:30	**Semi-quantitative pulmonary vascular obstruction phenotype and recurrent pulmonary embolism. PADIS-PE study.** Francis Couturaud (Brest, France), Cécile Tromeur, Marion Ranty, Pauline Pronost, Mathilde Moreau, Philippe Robin, Pierre-Yves Le Roux, Brieg Dissaux, Jamal Elhasnaoui, Benjamin Espinasse, Emilie Presles, Marie Guégan, Olivier Sanchez, Laurent Bertoletti, Christophe Leroyer	**OA6633**
14:35	**Cancer Site-Enhanced Caprini Score for Precision Risk Stratification of Postoperative Venous Thromboembolism in Surgical Oncology Patients: A Retrospective Cohort Study** Ruzetuoheti Yiminniyaze (Beijing, China), Jing Wen, Chaozeng Si, Zhenguo Zhai	**OA6634**
14:40	**PPARγ-Driven Macrophage Activation Promotes Efficient Thrombus Resolution** Xiaoyun Chen (Fuzhou, China), Yedong Huang, Wei Yan, Lu Sun, Xingyue Lai, Maohe Chen, Chaosheng Deng	**OA6635**

14:45	**Development of a venous thromboembolism prediction score in first-degree relatives of affected patients: comparison with the general population** Francis Couturaud (Brest, France), Eloise Laouenan, Sara Robin, Benjamin Espinasse, Cécile Tromeur, Aurélien Delluc, Claire De Moreuil, James Douketis, Christophe Leroyer	**OA6636**
14:50	**Chronic Modifiable Exposures Account for Nearly Half of Venous Thromboembolism Risk: An Exposome-Wide Association Study in the UK Biobank** Bingzhang Zou (Beijing, China), Kuangxun Li, Zhu Zhang, Zhenguo Zhai	**OA6637**
14:55	**Automated Risk Assessment of Venous Thromboembolism Using Large Language Models with Expert Knowledge-Augmented Prompting: A Multicenter Validation Study** Guohui Fan (Beijing, China), Dingyi Wang, Jing Ma, Zhenguo Zhai	**OA6638**
15:00	**Insulin Resistance and Risk of Pulmonary Embolism: Mediation by Accelerated Phenotypic Aging and Interaction with Genetic Susceptibility** Jun Wen (Chongqing, China)	**OA6639**
15:05	**Discussion and Q&A** All speakers	**OA6640**

Studio — Session 566 — 14:15 - 15:00

Experts interview: Why global lung health monitoring matters

Outcomes from the Forum of International Respiratory Societies Lung Health Taskforce

Aims : To review the rationale, methods and applications of global lung health monitoring, including the development of lung health indicators, the collection of reliable field data and the development of strategies to engage individuals and communities in improving respiratory health worldwide.

Tag(s) : Digital health, Global reach

Chairs : Refiloe Masekela (Durban, South Africa), Laura Graciela Gochicoa Rangel (Ciudad de México, Mexico)

14:15	**What factors impact lung health and why do we need to monitor them?** Judith Garcia-Aymerich (Barcelona, Spain)	**6641**
14:20	**What is a global lung health index?** Sanja Stanojevic (Halifax (NS), Canada)	**6642**
14:25	**How can we ensure accurate lung function measurements in the field?** Lindsay Zurba (Durban, South Africa)	**6643**
14:30	**Why connecting individuals and communities with their lung health matters?** Helen Parks (Lisburn, United Kingdom)	**6644**
14:35	**Discussion and Q&A** All speakers	**6645**

3.11 — Session 567 — 14:30 - 17:10

Skills workshop: SW16 SW16: Thoracic ultrasound basic principles – €

Additional registration is required for this session

Aims : To describe the current use of thoracic ultrasound; to provide participants with the opportunity to perform the thoracic ultrasound technique using training models, simulators, volunteers and patients.

Disease(s) : Thoracic oncology Interstitial lung diseases

Tag(s) : Clinical

Chairs : Dinesh Addala (Oxford, United Kingdom)

14:30	**Introduction** Dinesh Addala (Oxford, United Kingdom)	**6646**
14:50	**Normal thoracic cavity** Giovanni Volpicelli (Torino (TO), Italy), Casper Falster (Odense, Denmark)	**6647**
14:50	**Pleural effusion and/or pleural thickening** Konstantina Kontogianni (Heidelberg, Germany), Valentina Pinelli (Marina di Massa (MS), Italy)	**6648**
14:50	**Case studies** Malvika Bhatnagar (Oxford, United Kingdom)	**6649**

14:50	**Guided interventions** Søren Helbo Skaarup (Aarhus C, Denmark), Beenish Iqbal (Oxford, United Kingdom)	**6650**

1A Session 568 15:30 - 17:00

Clinical cases: Lungs on fire: Interstitial lung diseases

Aims : to present real-life clinical cases as part of an interactive session. Cases vary in difficulty and may require differential diagnosis. This session is led by two discussants who will present cases submitted by respiratory health professionals to a panel of experts and will drive the discussion in a step-by-step approach, encouraging dialogue and reflection among the panel, who have no prior knowledge of these cases. As the cases are discussed, the discussants will invite the audience to participate in determining which diagnostic and therapeutic options would be best for these patients.

Disease(s) : Interstitial lung diseases

Tag(s) : Clinical

Chairs : GEORGE MARGARITOPOULOS (THESSALONIKI, Greece), Manuela Funke-Chambour (Lausanne, Switzerland), Jelle Rindert Miedema (Rotterdam, Netherlands)

Discussants : Nazia Chaudhuri (Limavady, United Kingdom), Zhe Wu (London, United Kingdom)

15:30	**Case 1 incl. panel discussion and Q&A - Submitter: P. Ghelardini (Italy)** Nazia Chaudhuri (Limavady, United Kingdom)	**6651**
15:52	**Case 2 incl. panel discussion and Q&A - Submitter: I. O. Tănase (Romania)** Zhe Wu (London, United Kingdom)	**6652**
16:14	**Case 3 incl. panel discussion and Q&A - Submitter: Mizutani (Brazil)** Nazia Chaudhuri (Limavady, United Kingdom)	**6653**
16:36	**Case 4 incl. panel discussion and Q&A - Submitter: M. Degrassi (Italy)** Zhe Wu (London, United Kingdom)	**6654**

3L Session 569 15:30 - 17:00

Symposium: Antivirals in COPD: are we approaching a new era?

Aims : To describe the role of viruses in COPD pathogenesis, progression and exacerbations; to evaluate the latest development in respiratory antivirals, including the use of viral challenge; to evaluate the challenges in using antivirals for the treatment of COPD exacerbations; to discuss new approaches for treating viral infections in COPD, including the use of dipeptidyl peptidase 1 inhibitors.

Disease(s) : Airway diseases Respiratory infections

Method(s) : Cell and molecular biology General respiratory patient care

Tag(s) : Translational , Clinical, Prevention

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Respiratory physiotherapist, Scientist (basic, translational), Respiratory therapist

Chairs : Sachin Ananth (London, United Kingdom), Alexander Mathioudakis (Manchester, United Kingdom), Ioana Agache (Brasov (Brasov), Romania)

15:30	**The role of viruses in the early development and pathogenesis of COPD** Alberto Papi (Cona, Ferrara, Italy)	**6655**
15:45	**The next era of viral infections in COPD: time to rethink and freshen up our treatment strategies** Sanjay Haresh Chotirmall (Singapore, Singapore)	**6656**
16:00	**Challenges in using antivirals for the treatment of COPD exacerbations** Daiana Stolz (Freiburg, Germany)	**6657**
16:15	**The challenge of vaccine hesitancy among patients with COPD** Jeremy Brown (London, United Kingdom)	**6658**
16:30	**Discussion and Q&A** All speakers	**6659**

3B Session 570 15:30 - 17:00

Journal session: From the editors' desk

New England Journal of Medicine and European Respiratory Journal Session

Aims : To present 4 outstanding studies from the NEJM and ERJ

Disease(s) : Airway diseases | Interstitial lung diseases | Pulmonary vascular diseases

Method(s) : General respiratory patient care

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Respiratory critical care physician, Paediatrician, Patient, Physician in Pulmonary Training, Radiologist, Scientist (basic, translational)

Chairs : James D. Chalmers (Dundee (Angus), United Kingdom), Darren Taichman (Boston, United States), Adam Barczyk (Katowice, Poland)

15:30	**The COBRA Trial- Bleeding Risk with Apixaban vs. Rivaroxaban in Acute Venous Thromboembolism, incl. discussion and Q&A** Lana Castellucci (Ottawa, Canada)	**6660**
15:52	**Nerandomilast in progressive pulmonary fibrosis: data from the whole follow-up period of the FIBRONEER-ILD trial, incl. discussion and Q&A** Marlies S. Wijsenbeek (Rotterdam, Netherlands)	**6661**
16:14	**Prevalence and Prognostic Significance of COPD in Adults Younger than 50 Years of Age, incl. discussion and Q&A** Elizabeth Oelsner (New York, United States)	**6662**
16:36	**Fentanyl or Morphine for Persistent Dyspnea in COPD: a multicenter randomized cross-over trial, incl. discussion and Q&A** Marlies van Dijk (Groningen, Netherlands)	**6663**

3C Session 571 15:30 - 17:00

Hot topics: Lung volume reduction: surgery, stents, scaffolds and more – the heat is on!

Current impact, developments and future needs of lung volume reduction strategies for severe emphysema patients

Aims : To explain to participants the value of lung volume reduction (LVR) options as additional treatment options for patients with severe COPD/emphysema; to explore the clinical/patient impact of LVR therapies; to present evidence demonstrating that a new era of LVR surgery has arrived; to enhance participants' knowledge of endobronchial valve therapy and future developments in this area; to build enthusiasm among participants for a new pathophysiological approach to treating emphysema through the release of trapped air.

Disease(s) : Airway diseases

Method(s) : Endoscopy and interventional pulmonology

Tag(s) : Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Medical Technical Assistant, Nurse, Respiratory critical care physician, Patient, Physician in Pulmonary Training, Physiologist, Radiologist, Respiratory physiotherapist, Thoracic surgeon, Respiratory therapist, Journalist

Chairs : Deirdre Fitzgerald (Blackrock, Ireland), Eihab Bedawi (Oxford, United Kingdom), Dirk-Jan Slebos (Groningen, Netherlands)

15:30	**The power of lung volume reduction: the patient perspective** Karin Klooster (Groningen, Netherlands)	**6664**
15:45	**The return of lung volume reduction surgery** Laurens Ceulemans (Leuven, Belgium)	**6665**
16:00	**The future of endobronchial valve therapy** Judith Brock (Heidelberg, Germany)	**6666**
16:15	**The new kids on the block: releasing trapped air** Anand Tana (London, United Kingdom)	**6667**
16:30	**Discussion and Q&A** All speakers	**6668**

3D Session 572 15:30 - 17:00

Symposium: United for better breathing: interprofessional collaboration and patient empowerment in pulmonary rehabilitation

Harnessing partnerships between patients, clinicians and researchers to co-create meaningful pulmonary rehabilitation

Aims : To highlight innovative models of interprofessional collaboration in pulmonary rehabilitation; to explore how patient empowerment and co-creation can transform rehabilitation outcomes; to showcase how technology (e.g. wearables, telerehabilitation) supports partnership and shared decision-making; to identify unmet needs voiced by patients and how these inform future clinical practice and research.

Disease(s) : Airway diseases

Method(s) : General respiratory patient care Pulmonary rehabilitation

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Nurse, Patient, Respiratory physiotherapist

Chairs : Guido Vagheggini (Volterra (PI), Italy), Ee Ming Khoo (Kuala Lumpur, Malaysia)

15:30	**Listening first: priorities for interprofessional education in pulmonary rehabilitation** Ana Luisa Araújo Oliveira (Aveiro, Portugal)	**6669**
15:45	**Co-creating care: global lessons learned in pulmonary rehabilitation delivery** Alda Marques (Aveiro, Portugal)	**6670**
16:00	**Sharing globally: a global perspective on implementing pulmonary rehabilitation and the role of patient co-design** Soo Chin Chan (Kuala Lumpur, Malaysia)	**6671**
16:15	**Discovering together: building evidence and innovation for patient-centred pulmonary rehabilitation in South America** Rafael Mesquita (Fortaleza, Ceará, Brazil)	**6672**
16:30	**Discussion and Q&A** All speakers	**6673**

3E Session 573 15:30 - 17:00

Mini symposium: Cough across the ages and airway diseases

Aims : To describe the diverse phenotypes and underlying causes of cough in both paediatric and adult respiratory medicine; to outline current and emerging therapeutic approaches for managing cough across different age groups; to review the long-term progression and evolution of cough throughout the lifespan, highlighting key clinical and research insights.

Disease(s) : Airway diseases Paediatric respiratory diseases Respiratory infections

Method(s) : Epidemiology Physiology

Tag(s) : Congress theme: United for better breathing : partnership between patients, clinicians and researchers, Clinical, Translational , Di gital health

Target audience : Adult pulmonologist/Clinician, Clinical researcher, General practitioner, Medical Student, Nurse, Paediatrician, Patient, Physician in Pulmonary Training, Respiratory physiotherapist

Chairs : Linda Clephane (Dumbarton, United Kingdom), Franca Rusconi (Pisa, Italy), Imran Satia (Hamilton, ON, Canada)

15:30	**Chronic cough over a lifetime** Shyamali Dharmage (Carlton Victoria, Australia)	**6674**
15:45	**Understanding the burden of chronic cough in low- and middle-income countries** Refiloe Masekela (Durban, South Africa)	**6675**
16:00	**Management of cough in adults versus children : what can paediatricians learn from adults?** Jacky Smith (Manchester (Greater Manchester), United Kingdom)	**6676**
16:15	**Discussion and Q&A** All speakers	**6677**

3F Session 574 15:30 - 17:00

Symposium: From models to patients: longitudinal imaging approaches in translational lung research

Translational science initiative session

Aims : To emphasise the importance of translational work, with clinical teams working in close collaboration with preclinical researchers; to explain how to increase collaboration across clinical/preclinical platforms, through sharing not only medical knowledge but also modern technology approaches and applications, which is directly applicable for both researchers and clinicians; to explore lung diseases such as various types of interstitial lung disease, infections or lung injury in general and, in parallel, animal models that have been developed and improved for implementation in novel imaging biomarker assessment in lung disease; to discuss how imaging technology can bridge the gap between the basic scientific community on the bench and the clinicians who have knowledge based on experience of patient scenarios at the bedside.

Disease(s) : Airway diseases | Interstitial lung diseases | Respiratory critical care

Method(s) : Cell and molecular biology | Imaging | Physiology

Tag(s) : Translational , Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Target audience : Adult pulmonologist/Clinician, Clinical researcher, Medical Student, Respiratory critical care physician, Pathologist, Physiologist, Radiologist, Scientist (basic, translational)

Chairs : Didier Cataldo (Liege, Belgium), Irma Mahmutovic Persson (Lund, Sweden), Anne M. van der Does (Leiden, Netherlands)

15:30	**Introduction** Didier Cataldo (Liege, Belgium)	**6678**
15:35	**Physician approaches to interstitial lung disease: longitudinal study and emerging diagnostic imaging biomarkers** James Eaden (Sheffield (South Yorkshire), United Kingdom)	**6679**
15:50	**From longitudinal rodent imaging to clinical tools: translational biomarkers and tracer development in lung diseases** Greetje Vande Velde (Leuven, Belgium)	**6680**
16:05	**PET Imaging of Lung Disease: What can we learn?** Sydney Montesi (Boston, United States)	**6681**
16:20	**Discussion and Q&A** All speakers	**6682**
16:35	**Meet&Greet** All speakers	**6683**

3G Session 575 15:45 - 17:00

Oral presentation: Diversity of presentation: details on sleep apnoea cohorts in different settings

Disease(s) : Sleep and breathing disorders

Method(s) : Epidemiology | Public health | General respiratory patient care | Pulmonary function testing | Respiratory intensive care

Tag(s) : Clinical, Translational

Chairs : Esther Irene Schwarz (Zürich, Switzerland), Sébastien Baillieul (Grenoble, France)

15:45	**Late Breaking Abstract - Dose-response relationship between continuous positive airway pressure therapy usage and all-cause mortality and major adverse cardiovascular events in obstructive sleep apnoea: a French national database analysis** Jean-Louis Pépin (Grenoble, France), Atul Malhotra, Peter Cistulli, Elise Comte, Florent Lavergne, Melike Deger-Wehr, Pierre Rinder, Renaud Tamisier, Sebastien Bailly	**OA6684**
15:50	**Real-world evidence of home provider interventions on positive airway pressure adherence using a time-aligned exact-matching method** Clara Bianquis (Paris, France), Arnaud Prigent, Sébastien Baillieul, Sarah Alami, Manuella Schaller, Léa Pasquet, Joelle Texereau, Frédéric Gagnadoux	**OA6685**
15:55	**Comparing PAP Adherence and Clinical Resource Burden between AI-Driven cMAP® and APAP Algorithms** Hamed Hanafi (Halifax (NS), Canada), Matthew Hickey, Kazi Antor Hasan, Najmeh Sadatnejad, Guillermo Aristi, Meagan Sinclaire, Gregory Begin, Megan Neil, Kaitlyn Dicks, Steve Driscoll, Scott Lowe, Ingo Fietze, Thomas Penzel, Reena Mehra, Yuksul Peker, Sanja Jelic, Debra Morrison	**OA6686**
16:00	**Five-year adherence and persistence to positive airway pressure in obstructive sleep apnea: findings from a large French cohort of 85 000 adults** Sébastien Baillieul (Grenoble, France), Arnaud Prigent, Clara Bianquis, Sara Alami, Manuella Schaller, Fabienne Diaz, Joëlle Texereau, Frédéric Gagnadoux	**OA6687**
16:05	**Temporal Decline in One- and Three-Year Mortality Across Five Diagnostic Eras: A 25-Year National Veterans Cohort Study** Amir Sharafkhaneh (Houston, United States), javad razjouyan	**OA6688**
16:10	**Association of positive airway pressure adherence with mortality and cardiovascular events in high vs low risk obstructive sleep apnoea** Frédéric Gagnadoux (Orvault, France), Sébastien Bailly, Margaux Blanchard, Adam Benjafield, Wojciech Trzepizur, Sandrine Kerbrat, François Goupil, Audrey Thomas, Raphael Heinzer, Abdelkebir Sabil	**OA6689**

16:15	**Real-world associations of multi-night obstructive sleep apnoea severity and night-to-night variability with arterial stiffness** Lucia Pinilla (Adelaide, Australia), Bastien Lechat, Kelly Sansom, Philomène Letzelter, Andrew Vakulin, Ashley Montero, Anna Hudson, Pierre Escourrou, Jean-Louis Pepin, Robert Adams, Peter Catcheside, Danny Eckert	**OA6690**
16:20	**Comorbid Insomnia and Obstructive Sleep Apnea (COMISA) and Cardiovascular Disease in Three European Countries: Population Projections Through 2050** Elroy Boers (Calgary, Canada), Fatima Sert, Kimberly Sterling, Alison Wimms, Emerson Wickwire	**OA6691**
16:25	**Sleep apnea after lung transplantation for COPD: Prevalence, risk factors, and long term cardiometabolic outcome** Lara Verbeylen (Leuven, Belgium), Lien Hermans, Andrea Zajacova, Birger Tielemans, Alexandros Kalkanis, Bertien Buyse, Robin Vos, Dries Testelmans	**OA6692**
16:30	**Exploring the relationship between sleep duration, sex, and cardiovascular morbidity in diabetes: preliminary findings from the Canadian Longitudinal Study on Aging (CLSA)** Alexandra Mccartney (Ottawa, Canada), Ranjeeta Mallick, Arianne Morissette, Jodi Edwards, Erin Mulvihill, Tetyana Kendzerska	**OA6693**
16:35	**Discussion and Q&A** All speakers	**OA6694**

3H Session 576 15:45 - 17:00

Oral presentation: Together we can make a difference: inspiring examples of patient and professional partnership

Disease(s) : Airway diseases | Interstitial lung diseases | Thoracic oncology

Method(s) : General respiratory patient care | Public health | Epidemiology

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Hilary Pinnock (Edinburgh, United Kingdom), Eleni Stamouli (Thessaloniki, Greece)

15:45	**Co-Creating a Conversation Aid for Climate-Conscious Inhaler Prescribing** Stacey J Butler (Toronto, Canada), Tony Ning, George Alexander Balaci, Terry Li, Sze Man Tse, Genevieve Digby, Ivy Lam, Jill Hubick, Erika Penz, Alexander Singer, Alan Kaplan, Andrew O'Keefe, Sakina Walji, Samantha Green, Celia Culley, Valeria Stoynova, Andrew Kouri, Samir Gupta	**OA6695**
15:50	**Lived experience storytelling to highlight support needs in lung cancer** Rebekka Aarsand (Bern, Switzerland), Laura Jones, Debra Montague, Angeliki Souri	**OA6696**
15:55	**Discovering Together: Patient Partnership in a Primary Care Asthma Clinical Trial** Wern Ee Tang (Singapore, Singapore), Ai Ling Sim-Devadas, Tavleen Kaur Jaggi, Vanessa Phua, Sabrina Lee	**OA6697**
16:00	**A co-creation approach to selecting and adapting adolescent tobacco and air-pollution interventions and strategies for implementation in diverse countries: insights from FRESHAIR4Life** Purva Abhyankar (Edinburgh, United Kingdom), Alexander Lepe, Jurjen van der Schans, Floor van den Brand, Faraz Siddiqui, Saima Saeed, Jaweria Akhtar, Amina Khan, Ali Kamran Baba, Ioanna Tsiligianni, Izolde Bouloukaki, Antonios Christodoulakis, Winceslaus Katagira, Bruce Kirenga, Cristina Isar, Adriana Antohe, Anca Lupu, Andrea Neculau, Talant Sooronbaev, Gulzada Mirzalieva, Aijan Taalaibekova, Rianne van der Kleij, Arvind Dk, Siân Williams, Luís Carvalho, Hilary Pinnock	**OA6698**
16:05	**Amplifying the patient voice in scientific publications: the Pulmonary Fibrosis Patient Publications Consultancy Group (PPCG)** John Solheim (Sellebakk, Norway), Sarah Agnew, Lorraine Cuffe, Sue Farrington, Steve Jones, Dolly Kervitsky, Sophia Krick, Sharon Lee, Linguo Li, Emma Parfrement, Jessica E Shore, Sanchaita Sonar, Mary Wheatley	**OA6699**
16:10	**Working to identify health and well-being priorities for people with multiple long term conditions** Kate Lippiett (Winchester (Hampshire), United Kingdom), Fran White, Maria Carmen Portillo-Vega, Dorit Kunkel	**OA6700**
16:15	**Transforming COPD Care Through Patient Partnership: From Ireland's Highest to Lowest Readmission Rate Using Digital-Enabled Virtual Ward Model** Antoinette Doherty (Letterkenny (Co. Donegal), Ireland), Abdullah Bukhari	**OA6701**
16:20	**Co-creating remote COPD monitoring: translating patient and providers' values into actionable requirements through participatory research** Atena Mahboubian (Leiden, Netherlands), Mirjam Biemond, Hannah van Bruggen, Sophie Harding, Niels Chavannes, Richard Russell, Marise Kasteleyn, Jiska Aardoom	**OA6702**

16:25	**Patient-led identification of unmet needs in post-tuberculosis lung disease among displaced populations in Nigeria** Wesley Markus (Yola, Nigeria), Aliyu Abdulaziz, Grace Bartholomew	**OA6703**
16:30	**Discussion and Q&A** All speakers	**OA6704**

3I Session 577 15:45 - 17:00

Oral presentation: Respiratory infections: host response, complications and interventions

Disease(s) : Respiratory critical care Airway diseases

Method(s) : Cell and molecular biology Respiratory intensive care Epidemiology General respiratory patient care Public health

Tag(s) : Clinical, Translational

Chairs : Thomas Wilkinson (Melbourne, Australia), Efthymia Papadopoulou (Thessaloniki, Greece)

15:45	**Late Breaking Abstract - Effectiveness of Bivalent RSV Prefusion F Protein-based Vaccine in Individuals with and without Chronic Lung Disease: A Prespecified Analysis of the DAN-RSV Trial** Lisa Steen Duus (Copenhagen, Denmark), Mats C. Højbjerg Lassen, Manan Pareek, Marat Yafasov, Sine H. Christensen, Abby E. Rudolph, Niklas Dyrby Johansen, Kristoffer G. Skaarup, Daniel Modin, Brian L. Claggett, Carsten S. Larsen, Lykke Larsen, Lothar Wiese, Michael Dalager-Pedersen, Matias G. Lindholm, Anne Marie R. Jensen, Maria Dons, Katrine F. Bernholm, Filip S. Davidovski, Camilla I. Ottosen, Anne B. Nielsen, Julie H. Borchsenius, Caroline Espersen, Guldas Köse, Frederik H. Fussing, Lars Køber, Scott D. Solomon, Jens Ulrik Stæhr Jensen, Cyril Jean-Marie Martel, Negar Aliabadi, Claudia Schwarz, Mette Skovdal, Pingping Zhang, Vanessa López-Gómez, Sabrina Welsh, Bradford D. Gessner, Federico Martinón-Torres, Elizabeth Begier, Tor Biering-Sørensen	**OA6705**
15:50	**Effectiveness of High-Dose vs. Standard-Dose Influenza Vaccine in Older Adults with Chronic Lung Disease: A Prespecified Analysis of the FLUNITY-HD Study** Lisa Steen Duus (Copenhagen, Denmark), Niklas Dyrby Johansen, Jacobo Pardo-Seco, Carmen Rodriguez-Tenreiro-Sánchez, Matthew M. Loiacono, Rebecca C. Harris, Youjun Huang, Robertus van Aalst, Ayman Chit, Carsten Schade Larsen, Lykke Larsen, Lothar Wiese, Michael Dalager-Pedersen, Brian L. Claggett, Kira Hyldekær Janstrup, Carmen Duran-Parrondo, Marta Piñeiro-Sotelo, Martín Cribeiro-González, Mónica Conde-Pájaro, Susana Mirás-Carballal, Juan-Manuel González-Pérez, Scott D. Solomon, Pradeesh Sivapalan, Cyril Jean-Marie Martel, Jens Ulrik Stæhr Jensen, Federico Martinón-Torres, Tor Biering-Sørensen	**OA6706**
15:55	**Differential Risk and Prognosis of Secondary Aspergillus Infection Across SARS-CoV-2, Influenza, and Other Respiratory Virus in Adults with Community-Onset Viral Pneumonia: A Retrospective Cohort Study (2016-2025)** Yeming Wang (Beijing, China), Dong Liu, Mengwei Yan, Bin Cao	**OA6707**
16:00	**DLBS1033 lumbrokinase modulates thromboinflammatory pathways in pneumonia-associated sepsis: A randomized controlled trial** Brigitta Devi Anindita Hapsari (Surakarta, Indonesia), Sandy Nur Vania Putri, Reviono Reviono, Yusup Subagio Sutanto, Eldaa Putik Bunga Melati	**OA6708**
16:05	**Streptococcus pneumoniae infection model in human macrophages under hyperinflammatory conditions to evaluate immunomodulatory treatments** Alba Soler-Comas (Barcelona, Spain), Pamela Conde, Nil Vázquez, Roberto Cabrera, Rubén López-Aladid, Albert Gabarrús, Viviane De Cássia Oliveira, Marta Camprubí-Rimblas, Antoni Artigas, Antoni Torres, Laia Fernández-Barat	**OA6709**
16:10	**Severe Pneumonia Phenotypes and Their Associations with Mortality and Corticosteroid Response** Antoni Torres Marti (Barcelona, Spain), Catia Cilloniz Campos, Ignacio Martin-Loeches, Albert Gabarrus, Laia Fernandez, Marcial Cariqueo	**OA6710**
16:15	**Inflammatory biomarkers are reduced by vapendavir treatment in rhinovirus-challenged COPD patients** Sebastian L. Johnston (London, United Kingdom), Katherine Laessig, Katherine Squires, Jeffery Bruno, Michael R. Edwards, Chloe Pyle, Antzela Tsavou, Edward Vitkin, Emily G. McDonald, Amir Hadid, Dennis Jensen, Brett Giroir	**OA6711**
16:20	**Emodin attenuates influenza virus induced acute lung injury by modulating lung TLR4/MyD88/NF-κB and ILC3/IL-17A activation in a gut microbiota-dependent pattern** Meilu Liu (chengdu, China), Juanjuan Fu, Tiwei Miao, Yan Yu, Longyi Du, Bing Mao	**OA6712**
16:25	**RSV & hMPV Infection is Associated with Increased 12-month Cardiovascular Morbidity** Dheeraj Sethi (London, United Kingdom), Clarisse Mizzi, Jennifer Quint, Dexter Wiseman	**OA6713**

16:30	**Multi-omics analysis reveals metabolic dysbiosis in the lungs of mice infected with the influenza virus** Xiaohui Zou (Beijing, China), Qi Wang, Bin Cao	**OA6714**
16:35	**Discussion and Q&A** All speakers	**OA6715**

3J Session 578 15:45 - 17:00

Oral presentation: Immune profiling and endotype discovery in asthma and eosinophilic airway disease

Disease(s) : Airway diseases Pulmonary vascular diseases

Method(s) : Physiology Cell and molecular biology Pulmonary function testing Epidemiology Transplantation

Tag(s) : Basic science, Digital health

Chairs : Gert-Jan Braunstahl (Rotterdam, Netherlands), Manali Mukherjee (Hamilton (ON), Canada)

15:45	**Late Breaking Abstract - Sputum autoantibody-alarmin-ILC2 crosstalk underlies persistent type 2 inflammation across exacerbation and stable disease states in severe asthma** Emily Merjo (Hamilton, Canada), Nahal Emami Fard, Xiaotian Ju, Lucy Chen, Lesley Wiltshire, Chynna Huang, Yinglan Xie, Imran Satia, Paul O'Byrne, Terence Ho, Parameswaran Nair, Manali Mukherjee, Roma Sehmi	**OA6716**
15:50	**Omalizumab and dupilumab differentially modulate follicular helper T and regulatory B cells in severe allergic asthma** Bruna Sabbatino (Siena, Italy), Caterina Silvestrini, Beatrice Perea, Tommaso Pianigiani, Elena Bargagli, Paolo Cameli, Laura Bergantini	**OA6717**
15:55	**Reprogramming of pulmonary neuroendocrine cells as a novel mechanism of eosinophilic COPD** Andrew Higham (Manchester (Greater Manchester), United Kingdom), Atshushi Ito, David Sanz Rubio, Jorge Sanz, Sung Wook Kang, Yun Zhang, Joselyn Rojas-Quintero, Joshua Malo, Farrah Kheradmand, Carlos Cabrera-Lopez, Jose Maria Marin, Hyun-Sung Lee, Dave Singh, Francesca Polverino	**OA6718**
16:00	**Multi-Ethnic Epigenome-Wide Meta-Analysis Identifies Novel Blood Methylation Associations with Asthma and Exacerbations Mostly Driven by T Cells** Javier Perez-Garcia (Palo Alto, United States), Elena Martin-Gonzalez, Zeyuan Johnson Chen, Mario Martin-Almeida, Jonathan Witonsky, Celeste Eng, Aditya Gorla, Fabian Lorenzo-Diaz, Anne K. Bozack, Jennifer R. Elhawary, Donglei Hu, Scott Hunstman, Ruperto Gonzalez-Perez, Jose M. Hernandez-Perez, Paloma Poza-Guedes, Elena Mederos-Luis, Inmaculada Sanchez-Machin, Jose Rodriguez-Santana, Jesus Villar, Sheryl L. Rifas-Shiman, Marie-France Hivert, Emily Oken, Diane R. Gold, Luisa N. Borrell, Elad Ziv, Elior Rahmani, Esteban G. Burchard, Andres Cardenas, Maria Pino-Yanes	**OA6719**
16:05	**Multiarray screening of plasma proteins identifies a unique association between total IgE and MMP-10 in adolescents** Rita Amaral (Porto, Portugal), Nikos Tsolakis, Anders Forslund, Hannes Manell, Kjell Alving	**OA6720**
16:10	**Intranasal OM-85 Attenuates Allergen- and Virus-Induced Airway Inflammation by Restoring Epithelial–Macrophage Homeostasis** Niki Ubags (Epalinges, Switzerland), Athanasios Kouklas, Aurélien Trompette, Seher Guney, Luca Stickley, Federica Schiavetti, Naomi Wieser, Christian Pasquali, Edouard Baulier, Christophe von Garnier	**OA6721**
16:15	**Nasal transcriptomic profiling for asthma endotyping and predicting biologic therapy response** Rui Feng (Guangzhou, China), Xiaoying Chen, Jiayi Chen, Yiting Luo, Wenbo Zhang, Chen Zhan, Tao Liu, Wanjun Wang, Zheng Zhu, Xu Shi, Jing Li, Ruchong Chen	**OA6722**
16:20	**Exploring the Role of Bacterial Lysate OM-85 on Immune Mechanisms in Allergic Asthma** Yvonne P. De Visser (Luyksgestel, Netherlands), Oscar van Hengel, Isabelle Koster, Geertje de Boer, Marjolein de Jong-de Bruijn, Gerdien Tramper, Hermelijn Smits	**OA6723**
16:25	**LSC - 2026 - Spatial transcriptomics reveals mechanistic differences between early and late onset huma n asthma** Raghad Yamani (Oxford, United Kingdom), James Melhorn, Bianka Brassanyi, Emanuele Marchi, Stephen Taylor, Timothy Hinks	**OA6724**
16:30	**The Role of C5/C5aR1 Axis in Modulating C5aR1+ Eosinophil Activation and Eosinophil Extracellular Traps Formation in Eosinophilic Granulomatosis with Polyangiitis** Changxing Ou (Guangzhou, China), Chenyang Lu, Yang Zhang, Zhenan Deng, Mingkai Huang, Xiaobing Mai, Jie Yan, Qingling Zhang, Nanshan Zhong	**OA6725**
16:35	**Discussion and Q&A** All speakers	**OA6726**

3K Session 579 15:45 - 17:00

Oral presentation: Emerging evidence in paediatric rare lung and airway diseases

Disease(s) : Airway diseases | Pulmonary vascular diseases | Interstitial lung diseases

Method(s) : General respiratory patient care | Cell and molecular biology | Physiology | Imaging | Pulmonary function testing | Endoscopy and interventional pulmonology

Tag(s) : Clinical, Translational

Chairs : Raffaella Nenna (Rome, Italy), Uros Krivec (Ljubljana, Slovenia)

15:45	**Late Breaking Abstract - Transcriptomic profiling of basal cells from primary ciliary dyskinesia patients with mutations in CCDC39/40 demonstrates disrupted functions that are partially restored by Azithromycin.** Zofia Varenyiova (Prague, Czech Republic), Mariana Camargo, Vaclav Capek, Jacquelyn Spano, Carlos Milla	**OA6727**
15:50	**Characterization of the GPRX receptor in the pulmonary vascular endothelium: a role in bronchopulmonary dysplasia** guillaume Cardouat (BORDEAUX, France), Alexis Leriche, Claire-Marie Pilard, Clement Bouchet, Pauline Esteves, Eric Dumas-de-la-roque, Veronique Freund-Michel, Christelle Guibert	**OA6728**
15:55	**Role of thrombomodulin in pulmonary hypertension associated to bronchopulmonary dysplasia in premature newborns** Laure Gassiat (Pessac, France), Isabel Gauthereau, Guillaume Cardouat, Marilyne Campagnac, Paul Robillard, Claire-Marie Pilard, Benjamin Pere, Eric Dumas-de-la-Roque, Fanny Sauvestre, Sophie Berenguer, Melie Sarreau, Frederic Coatleven, Marie Vincienne, Véronique Michel, Patrick Berger, Christelle Guibert	**OA6729**
16:00	**Pulmonary haemorrhage in previously healthy infants: a French national study of cases without identified medical causes** David Drummond (Paris, France), Anna-Lou Christol, Caroline Thumerelle, Léa Roditis, Clémentine Vigier, Nadia Nathan, Julie Chique, Marie-Laure Dalphin, Marine Michelet, Michael Fayon, François Galode, Joris Menard, Isabelle Gilbertini, Laure Picard, Audrey Herzog, Julie Schwanner, Caroline Perisson, Hortense Petat, Véronique Houdhouin	**OA6730**
16:05	**Clinical, radiological and functional characterization of long-term follow-up of children with post-infectious bronchiolitis obliterans: a multicentre Italian cohort study.** Alessia Mariani (Milano, Italy), Nicola Ullmann, Antonella Coretti, Salvatore Cazzato, Vittorio Romagnoli, Sergio Ghirardo, Alessandro Zago, Sara Manti, Vito Sinatra, Melissa Borrelli, Rosa Maria Terracciano, Fabio Cardinale, Simona Sottili, Angelo Mazza, Elisabetta Gibellato, Julie Mazenq, Nadia Nathan, Maria Francesca Patria	**OA6731**
16:10	**Optical coherence tomography improves diagnosis of complete tracheal rings in children** Signe Thim (Aarhus N, Denmark), Anne Katrine Bak Poulsen, Nagarajan Muthialu, Emil Nielsen Holck, Sune Rubak	**OA6732**
16:15	**Development and validation of a quantitative chest-CT score for post-infectious bronchiolitis obliterans – A multicenter study** Muhsen Al Sharad (Rotterdam, Netherlands), Merlijn Bonte, Punitkumar Makani, Luis Riera, Ines de Mir Messa, Alejandro Teper, Sílvia Costa Dias, Catarina Costa Ferreira, Inês Pais Cunha, Sanne Kloosterman, Harm A.W.M. Tiddens, Bianca Dontje, Simone Hashimoto, Suzanne Terheggen-Lagro, Pierluigi Ciet, Daan Caudri	**OA6733**
16:20	**Endobronchial optical coherence tomography improves detection of complete tracheal rings beyond CT** Anne Katrine Poulsen (Aarhus, Denmark), Signe Thim, Emil Holck, Thomas Kjærgaard, Nagarajan Muthialu, Richard Hewitt, Colin Butler, Samantha Chippington, Sune Rubak	**OA6734**
16:25	**Multiple Breath Washout in Children with Esophageal Atresia and Tracheomalacia** Marie Lykke Felby (Copenhagen, Denmark), Frederik Buchvald, Marika Nathalie Rønne, Molly Skov Romdal, Helene Holmark Møller, Elisabeth Søgaard Christiansen, Rikke Mulvad Sandvik, Kim G. Nielsen	**OA6735**
16:30	**Single-nucleus RNA sequencing in pediatric pleuroparenchymal fibroelastosis due to DGUOK-associated mitochondriopathy** Pia Maier (Hannover, Germany), Sandra v. Hardenberg, Leonard Christian, Anibh Das, Lavinia Neubert, Jannik Ruwisch, Kathrin Peters, Dirk Schramm, Matthias Griese, Britta Skawran, Marlies Eilers, Danny Jonigk, Norman Junge, Aiden Haghikia, Tobias Hegelmaier, Winfried Hofmann, Benjamin Seeliger, Diane Miriam Renz, Amelie Stalke, Lara Hartmayer, Alexander Duscha, Martin Schulze, Nataliya DiDonato, Holger Prokisch, Bernd Auber, Lars Knudsen, Nicolaus Schwerk, Jonas Schupp	**OA6736**
16:35	**Discussion and Q&A** All speakers	**OA6737**

1A Session 580 17:15 - 18:45

Assembly members' meeting: Assembly 12 Members meeting: Interstitial lung diseases

Chairs : Michael Kreuter (Mainz, Germany), Marlies S. Wijsenbeek (Rotterdam, Netherlands)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6738**
Michael Kreuter (Mainz, Germany)

3L Session 581 17:15 - 18:45

Assembly members' meeting: Assembly 5 Members meeting: Airway diseases, asthma, COPD and chronic cough

Chairs : Apostolos Bossios (Stockholm, Sweden), Florence Schleich (Liège, Belgium), Lena Uller (Lund, Sweden)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6739**
Apostolos Bossios (Stockholm, Sweden)

3B Session 582 17:15 - 18:45

Assembly members' meeting: Assembly 10 Members meeting: Respiratory infections

Chairs : Raquel Duarte (Porto, Portugal), Onno Akkerman (Groningen, Netherlands), Amelia Shoemark (Dundee (Angus), United Kingdom)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6740**
Raquel Duarte (Porto, Portugal)

3C Session 583 17:15 - 18:45

Assembly members' meeting: Assembly 14 Members meeting: Clinical techniques, imaging and endoscopy

Chairs : Mohammed Munavvar (Preston, United Kingdom), Konstantina Kontogianni (Heidelberg, Germany)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6741**
Mohammed Munavvar (Preston, United Kingdom)

3D Session 584 17:15 - 18:45

Assembly members' meeting: Assembly 1 Members meeting: Respiratory clinical care and physiology

Chairs : Sam Bayat (Grenobe, France), Guido Vagheggini (Volterra (PI), Italy)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6742**
Sam Bayat (Grenobe, France)

3E Session 585 17:15 - 18:45

Assembly members' meeting: Assembly 7 Members meeting: Paediatrics

Chairs : Alexander Möller (Zürich, Switzerland), Refika Hamutcu Ersu (Ottawa, Canada), Dirk Schramm (Düsseldorf, Germany)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6743**
Alexander Möller (Zürich, Switzerland)

3F Session 586 17:15 - 18:45

Assembly members' meeting: Assembly 3 Members meeting: Basic and translational sciences

Chairs : Niki L. Reynaert (Maastricht, Netherlands), Arnaud Mailleux (Paris, France)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6744**
Niki L. Reynaert (Maastricht, Netherlands)

3G Session 587 17:15 - 18:45

Assembly members' meeting: Assembly 4 Members meeting: Sleep Disordered Breathing

Chairs : Sophia E. Schiza (Heraklion, Greece), Esther Irene Schwarz (Zürich, Switzerland), Dries Testelmans (Leuven, Belgium)

17:15 **Assembly members meeting: presentation, discussion and Q&A** **6745**
Sophia E. Schiza (Heraklion, Greece)

3H Session 588 17:15 - 18:45

Assembly members' meeting: Assembly 8 Members meeting: Thoracic Surgery and Transplantation

Chairs : Marcello Migliore (Riyadh, Saudi Arabia)

17:15	**Assembly members meeting: presentation, discussion and Q&A** Marcello Migliore (Riyadh, Saudi Arabia)	**6746**

3I Session 589 17:15 - 18:45

Assembly members' meeting: Assembly 9 Members meeting: Allied respiratory professionals

Chairs : Jellien Makonga-Braaksma (Woudenberg, Netherlands), Chris Burtin (Diepenbeek, Belgium)

17:15	**Assembly members meeting: presentation, discussion and Q&A** Jellien Makonga-Braaksma (Woudenberg, Netherlands)	**6747**

3J Session 590 17:15 - 18:45

Assembly members' meeting: Assembly 2 Members meeting: Respiratory Intensive Care

Chairs : João Carlos Winck (Vila Nova de Gaia, Portugal), Joanna Luk-Ping Lam (Hong Kong, Hong Kong)

17:15	**Assembly members meeting: presentation, discussion and Q&A** João Carlos Winck (Vila Nova de Gaia, Portugal)	**6748**

3K Session 591 17:15 - 18:45

Assembly members' meeting: Assembly 6 Members meeting: Epidemiology and environment

Chairs : Ane Johannessen (Bergen, Norway), Rafael E. de la Hoz (New York, United States), Sara De Matteis (Torino, Italy)

17:15	**Assembly members meeting: presentation, discussion and Q&A** Ane Johannessen (Bergen, Norway)	**6749**

3A Session 592 17:15 - 18:45

Assembly members' meeting: Assembly 13 Members meeting: Pulmonary vascular diseases

Chairs : Olivier Sitbon (Le Kremlin-Bicêtre, France), Harm Jan Bogaard (Amsterdam, Netherlands)

17:15	**Assembly members meeting: presentation, discussion and Q&A** Olivier Sitbon (Le Kremlin-Bicêtre, France)	**6750**

3M Session 593 17:15 - 18:45

Assembly members' meeting: Assembly 11 Members meeting: Thoracic oncology

Chairs : Najib M. Rahman (Oxford, United Kingdom), Georgia Hardavella (Athens, Greece)

17:15	**Assembly members meeting: presentation, discussion and Q&A** Najib M. Rahman (Oxford, United Kingdom)	**6751**

HQ2 Session 594 08:00 - 09:00

Wednesday special session: IRC Networking Breakfast: From Social Determinants to Action for Better Respiratory Health - by invitation

Aims : To foster a vibrant and supportive IRC community where attendees can build valuable connections, share insights and explore opportunities for collaboration.

Chairs : Anita Simonds (London, United Kingdom)

3I Session 595 09:00 - 11:00

Wednesday special session: ERN-LUNG: a patient-focused network

How patients can benefit from the European Respiratory Network for lung diseases

Aims : To point out the different channels through which patients can have an impact.

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France)

09:00	**Introduction** Marc Humbert (Le Kremlin-Bicêtre, France)	**6752**
09:15	**What can I expect from genomic diagnostics and counselling?** David Montani (Le Kremlin-Bicêtre, France), Raphaël Borie (Paris, France), Hannah Scott (Frankfurt, Germany), Liam Galvin (Thurles, Ireland)	**6753**
09:45	**Why should I join the ERN-LUNG Registry?** Olivier Sitbon (Le Kremlin-Bicêtre, France), Stephy Varghese (Frankfurt am main, Germany), Hall Skaara (Egersund, Norway)	**6754**
10:00	**How do I benefit from the use of PROs?** Kathryn Machray (Senden, Germany), Roma Armstrong (Edinburgh, United Kingdom)	**6755**
10:15	**What is the role of patient associations in guidelines and clinical trial networks?** Marion Delcroix (Leuven, Belgium), Gergely Meszaros (Vac, Hungary)	**6756**
10:30	**Discussion and Q&A** All speakers	**6757**

3J Session 596 09:00 - 10:30

Wednesday special session: Inspiring youth to engage in healthy behaviors and the future of their lung health

Examples of impactful youth collaboration

Aims : To discuss the impact that young people can have on their future lung health and how we can work with them.

Chairs : Edward Powell (Aylesbury, United Kingdom), Marielle Pijnenburg (Rotterdam, Netherlands)

09:00	**Introduction** Edward Powell (Aylesbury, United Kingdom), Marielle Pijnenburg (Rotterdam, Netherlands)	**6758**
09:10	**Professionals working with youth for schools-based inspiration** Laura Delgado Ortiz (Barcelona, Spain)	**6763**
09:20	**Why advocating for clean air matters to me?** Elena Marti Barclay (Madrid, Spain)	**6759**
09:30	**Becoming an advocate for my health: Marleen's story** Marleen Sorensen (Berlin, Germany)	**6760**
09:40	**Advocating as a young person** Maksim Mironovas (, United Kingdom)	**6761**
09:50	**A peer led route through to the end of nicotine products.** Carlos Navarrete (Barcelona, Spain)	**6762**
10:00	**ELF Youth Group - Panel discussion – shaping the future of the ELF Youth Group** Edward Powell (Aylesbury, United Kingdom), Marielle Pijnenburg (Rotterdam, Netherlands), Elena Marti Barclay (Madrid, Spain), Marleen Sorensen (Berlin, Germany), Maksim Mironovas (, United Kingdom), Carlos Navarrete (Barcelona, Spain), Laura Delgado Ortiz (Barcelona, Spain), Mary-Yiota Triantafillopoulou (Athens, Greece)	**6764**

Studio — Session 597 — 09:00 - 09:25

Experts interview: The new idiopathic interstitial pneumonia classification guideline

Aims : To review the updated classification guideline for idiopathic interstitial pneumonias and discuss its implications for diagnosis, research and patient management.

Tag(s) : Clinical

Chairs : Paolo Spagnolo (Padova (PD), Italy), Veronika Müller (Budapest, Hungary)

09:00	**The new IIP classification guideline** Athol Wells (London, United Kingdom)	**6765**
09:15	**Discussion and Q&A** Athol Wells (London, United Kingdom), Lauren Troy (Camperdown (NSW), Australia)	**6766**

3K — Session 598 — 09:15 - 12:30

Wednesday special session: Data, trust and power: building a trusted European respiratory data infrastructure

Aims : To explore the feasibility, governance and strategic foundations of a trusted European respiratory data infrastructure aligned with emerging European health data initiatives; to bring together key stakeholders to define priorities, collaboration models and next steps for sustainable, interoperable and ethically governed respiratory data use across Europe.

Chairs : Sanja Stanojevic (Halifax (NS), Canada)

09:15	**Strategic framing and inspiration** Sanja Stanojevic (Halifax (NS), Canada)	**6767**
09:20	**ERS vision and objectives** Marc Miravitlles (Barcelona, Spain)	**6768**
09:30	**European policy context: the European Health Data Space** Izabel Alfany (Barcelona, Spain)	**6769**
09:40	**Lessons from the European Society of Cardiology registries** Chris P Gale (Leeds, United Kingdom)	**6770**
09:50	**Governance and GDPR considerations for European data infrastructures** Anastassia Negrouk (Wavre, Belgium)	**6771**
10:00	**Patient perspectives on data use and trust** Hilary Hodge (Montreuil-Juigne, France)	**6772**
10:10	**Current landscape and community needs in respiratory data** Sanja Stanojevic (Halifax (NS), Canada)	**6773**
10:15	**Introduction to round-table discussions** Sanja Stanojevic (Halifax (NS), Canada)	**6774**
10:35	**Round-table discussions** Chris P Gale (Leeds, United Kingdom), Anastassia Negrouk (Wavre, Belgium), Andreas Kremer (Esch-sur-Alzette, Luxembourg), Christian Muehlendyck (Norderstedt, Germany), Philip Gribbon (Hamburg, Germany)	**6775**
11:10	**Reporting from round-table discussions** Andreas Kremer (Esch-sur-Alzette, Luxembourg), Christian Muehlendyck (Norderstedt, Germany), Philip Gribbon (Hamburg, Germany), Anastassia Negrouk (Wavre, Belgium)	**6776**
11:50	**Plenary discussion** Sanja Stanojevic (Halifax (NS), Canada)	**6777**
12:05	**Strategic wrap-up and next steps** Sanja Stanojevic (Halifax (NS), Canada)	**6778**

Studio — Session 599 — 09:25 - 09:50

Experts interview: The current landscape in drug-induced lung diseases

Aims : To provide an overview of current knowledge regarding the recognition, diagnosis, mechanisms and management of drug-induced lung diseases.

Tag(s) : Clinical

Chairs : Paolo Spagnolo (Padova (PD), Italy), Veronika Müller (Budapest, Hungary)

09:25	**The current landscape in drug-induced lung diseases** Lauren Troy (Camperdown (NSW), Australia)	**6779**
09:40	**Discussion and Q&A** Lauren Troy (Camperdown (NSW), Australia), Athol Wells (London, United Kingdom)	**6780**

3G Session 600 09:30 - 12:30

Wednesday special session: Advancing diversity, equity and inclusion in respiratory medicine From awareness to action

Aims : To explore how we can create a more inclusive, supportive and representative future for respiratory medicine; to bring together healthcare professionals, researchers and trainees to explore how diversity, equity and inclusion can strengthen teams, improve collaboration and support the next generation of respiratory professionals.

Chairs : Laura Fabbri (London, United Kingdom), Gianmarco Putti (Milan, Italy)

09:30	**Welcome & opening remarks: ERS Leadership** Joanna Chorostowska-Wynimko (Warsaw, Poland), Hilary Pinnock (Edinburgh, United Kingdom), Omar S. Usmani (London, United Kingdom)	**6781**
09:35	**Icebreaker** Laura Fabbri (London, United Kingdom), Gianmarco Putti (Milan, Italy)	**6782**
09:50	**Panel discussion: What is DEI in respiratory medicine?** Rasleen Kahai (London, United Kingdom), Lamya Chrif Morand (Kenitra, Morocco), Raja Dhar (Kolkata (West Bengal), India), Mehar Singh (London, United Kingdom)	**6783**
10:20	**What is "allyship" and why is it important?** Laura Fabbri (London, United Kingdom), Gianmarco Putti (Milan, Italy)	**6784**
10:40	**Allyship Café Tables (with brunch)** All speakers	**6785**
11:10	**Mentorship fundamentals** Mònica Argemí Ballbè (Barcelona, Spain)	**6786**
11:25	**Mentorship group exercise** All speakers	**6787**
11:50	**Plenary reflection and conclusions** Laura Fabbri (London, United Kingdom), Gianmarco Putti (Milan, Italy)	**6788**
12:00	**Networking** All speakers	**6789**

Studio Session 601 10:05 - 10:50

Patient-centred session: Invisible burdens: the stigma of lung conditions

Aims : To discuss the everyday challenges related to the stigma that people with lung conditions face and to explore solutions.

Tag(s) : Clinical, Congress theme: United for better breathing : partnership between patients, clinicians and researchers

Chairs : Lisa McNeil (Blackpool, United Kingdom)

10:05	**Invisible Burdens: the stigma of lung conditions** Ron Flewett (Lincoln, United Kingdom), Inez de Kruijf-Carter (Den Haag, Netherlands), Raquel Duarte (Porto, Portugal), Angeliki Souri (Athens, Greece)	**6790**

3M Session 602 10:30 - 12:30

Wednesday special session: New frontiers in respiratory health: the present and future of early detection?

Aims : To present the findings and outcomes of the Presidential Summit to Congress.

Chairs : Joanna Chorostowska-Wynimko (Warsaw, Poland), Marc Miravitlles (Barcelona, Spain)

10:30	**Introduction** Joanna Chorostowska-Wynimko (Warsaw, Poland), Marc Miravitlles (Barcelona, Spain)	**6791**

10:40	**Lung cancer screening now and in the future** Torsten Gerriet Blum (Berlin, Germany)	**6792**
10:50	**Health checks in Central and Eastern Europe** Ildikó Horváth (Budakeszi, Hungary)	**6793**
11:00	**Lung Health 4 Life** Rosa Faner (Barcelona, Spain)	**6794**
11:10	**Driving progress for future patient care** Łukasz Minarowski (Białystok, Poland)	**6795**
11:20	**Panel** Phil Taverner (Bromham, United Kingdom), Joanna Chorostowska-Wynimko (Warsaw, Poland), Marc Miravitlles (Barcelona, Spain), Torsten Gerriet Blum (Berlin, Germany), Ildikó Horváth (Budakeszi, Hungary), Łukasz Minarowski (Białystok, Poland), Rosa Faner (Barcelona, Spain)	**6796**
12:20	**Close** Joanna Chorostowska-Wynimko (Warsaw, Poland), Marc Miravitlles (Barcelona, Spain)	**6797**

3J Session 603 10:45 - 12:45

Wednesday special session: ERS and planetary health: striving for sustainability

Aims : To provide participants with scientific evidence on how climate changes and other planetary issues may influence lung health; to provide respiratory practitioners with the information needed to advocate and act for a sustainable environment, both in their own practice and at a global level.

Chairs : Carlos Robalo Cordeiro (Coimbra, Portugal), Marine Savouré (Rennes, France)

10:45	**Urban transport planning and air pollution** Mark NIEUWENHUIJSEN (Barcelona, Spain)	**6798**
11:05	**Agriculture and environment** Lidwien A.M. Smit (Utrecht, Netherlands)	**6799**
11:25	**The breathed environment in paediatric respiratory diseases** Jonathan Grigg (London, United Kingdom)	**6800**
11:45	**The unequal burden of climate change: ethnic vulnerabilities and climate change** Luana Silva Rodrigues de Araujo (Nova Lima, Brazil)	**6801**
12:05	**Discussion and Q&A** All speakers	**6802**

Studio Session 604 11:05 - 11:50

Deep Dive: Early lung abnormalities

Aims : To review the origins and early-life determinants of lung abnormalities; to enhance understanding of congenital and developmental respiratory conditions that may influence lung health and disease trajectories throughout life.

Tag(s) : Basic science, Translational , Prevention

Chairs : Marielle Pijnenburg (Rotterdam, Netherlands), Omar S. Usmani (London, United Kingdom)

11:05	**Congenital lung abnormalities of neonate** Andrew Bush (London, United Kingdom)	**6803**
11:20	**Bronchopulmonary dysplasia** Susanna Esposito (Milano (MI), Italy)	**6804**
11:35	**Prematurity in lung disease** Shannon Simpson (Perth (WA), Australia)	**6805**
11:50	**Discussion and Q&A** All speakers	**6806**

3I Session 605 11:15 - 12:45

Wednesday special session: Lung transplantation: a dialogue between patients and professionals

Aims : To give patients and professionals the chance to debate the challenges and issues faced by both sides and to discuss how these can be addressed by working together.

Chairs : Dimitris Kontopidis (ATHENS, Greece), Merel Hellemons (Rotterdam, Netherlands)

11:15	**The ELF Chair campaign: why and what** Dimitris Kontopidis (ATHENS, Greece)	**6807**
11:25	**Lung transplantation from the patient and professional perspectives – a panel discussion: challenges and solutions** Vicky Gerovasili (Rickmansworth, United Kingdom), Natalia Maeva (Sofia, Bulgaria), Stefano Pavanello (Rovigo (RO), Italy)	**6808**
12:00	**Looking to the future** All speakers	**6809**
12:35	**Closing and next steps** Dimitris Kontopidis (ATHENS, Greece), Merel Hellemons (Rotterdam, Netherlands)	**6810**

World Village Auditorium — Session 261 — 08:15 - 08:45

Session world village: Development of a National Plan for Chronic Respiratory Diseases in Belgium (BeRS)

Aims : The Belgian Respiratory Society and the Belgian Lung Foundation coordinate the development of a national plan for chronic respiratory diseases in Belgium. The session will provide information on how the development of the plan is going, which target populations are included, which stakeholders are included, which methodology is used, and which deliverables are foreseen. An overview of ongoing projects (vaping prevention, access to spirometry, etc..) will also be provided.

08:15 **Development of a National Plan for Chronic Respiratory Diseases in Belgium** **3289**
All speakers

World Village Auditorium — Session 262 — 09:00 - 09:30

Session world village: 60 Years of the Hellenic Thoracic Society – The HTS Charter for Respiratory Health (HTS)

Aims : On the occasion of its 60th anniversary, the Hellenic Thoracic Society (HTS) is launching a series of awareness, prevention, and advocacy initiatives under the umbrella campaign "60 Years of HTS – 5+1 Pillars." As part of this anniversary initiative, the Society has developed the HTS Charter for Respiratory Health, a strategic framework highlighting the key priorities for improving respiratory health in Greece. The Charter aims to raise public awareness and foster collaboration with policymakers, healthcare authorities, and other relevant stakeholders to address major public health challenges affecting respiratory health. It serves as a call to action for the implementation of evidence-based policies and sustainable interventions that will improve prevention, early diagnosis, and disease management. The Charter is built around the following key pillars: Vaccination Obesity Environment and Respiratory Health Tobacco Products Early Diagnosis of Lung Cancer Through these strategic priorities, the Hellenic Thoracic Society reaffirms its long-standing commitment to advancing respiratory health, promoting disease prevention, and supporting public health policies that improve patient outcomes and quality of life.

09:00 **60 Years of the Hellenic Thoracic Society – The HTS Charter for Respiratory Health** **3290**
All speakers

World Village Auditorium — Session 263 — 09:45 - 10:15

Session world village: PCCP 2027: Technological Frontiers and Advocacy Hubs in Philippine Lung Health (PCCP)

Aims : The Philippine College of Chest Physicians (PCCP) will once again host a high-impact session at the ERS World Village Auditorium during the ERS Congress 2026. This 30-minute session highlights how the premier organization of Filipino pulmonologists is navigating complex clinical landscapes through advanced intervention and dedicated patient advocacy. Riding the momentous wave of hosting a highly successful APSR 2025 Congress in Manila, the PCCP returns to the global stage to showcase how it translates regional solidarity into cutting-edge clinical action. Through framing these updates within the unique socioeconomic dynamics of a developing country, the PCCP aims to cultivate deeper collaborative partnerships, academic exchanges, and strategic alliances with international clinical, research, and policy-making organizations.

09:45 **PCCP 2027: Technological Frontiers and Advocacy Hubs in Philippine Lung Health** **3291**
All speakers

World Village Auditorium — Session 264 — 10:30 - 11:00

Session world village: Launch of the 20th ALAT Congress 2027 – Costa Rica (ALAT)

Aims : Official Launch of the 20th ALAT Congress 2027 – Costa Rica, followed by a prize drawing among attendees.

10:30 **Launch of the 20th ALAT Congress 2027 – Costa Rica** **3292**
All speakers

World Village Auditorium — Session 265 — 11:15 - 11:45

Session world village: Driving Respiratory Care Forward: How the National Society shapes pulmonology standards in Kazakhstan (NSRM)

Aims : We outline the Society's efforts in building a national framework for advanced respiratory care, including home-based non-invasive ventilation (NIV) and oxygen therapy for chronic respiratory failure. This includes developing unified clinical pathways and advocating for state-funded equipment for high-risk patients. We present the design and implementation of Kazakhstan's first digital registry for Interstitial Lung Diseases. This vital tool is designed to improve early differential diagnosis, monitor disease progression, and ensure equitable, nationwide access to essential antifibrotic therapies. Through these initiatives, the National Society demonstrates how professional medical associations can effectively collaborate with government bodies to overcome regional challenges, standardize specialized care, and significantly improve the quality of life for patients with severe respiratory pathologies.

11:15 **Driving Respiratory Care Forward: How the National Society shapes pulmonology standards in Kazakhstan** **3293**
All speakers

World Village Auditorium — Session 127 — 12:15 - 13:30

Session world village: How to get involved with the ERS. First step: meet your ECM Representative! (Assemblies 3, 4, 7, 8, 11, 14)

Aims : To learn how to get involved in ERS and how many ways there are to enhance your career development, with the ECM representatives from Assemblies 3, 4, 7, 8, 11, 14.

12:15 **How to get involved with the ERS. First step: meet your ECM Representative!** **1362**
All speakers

No Room — Session 128 — 12:15 - 13:30

Session world village: Meet Your Early Career Member Representatives

12:15 All speakers **1363**

World Village Auditorium — Session 268 — 13:30 - 14:00

Session world village: HERMES Respiratory Medicine Examination Information Session

Aims : The HERMES information sessions aims to inform currently registered and prospective candidates who may have questions about the 2026 online examination held on 19 September 2026. Educational training coordinators or anyone simply interested in understanding more about the HERMES exam are welcome to come and ask questions.

It is also an opportunity to meet some examination committee members as well as witness the HERMES High Achiever Award being handed over to the recipients of both exam disciplines.

13:30 **HERMES Respiratory Medicine Examination Information Session** **3296**
All speakers

World Village Auditorium — Session 266 — 14:15 - 14:45

Session world village: GEAK: A National Model for Cultivating Future Leaders in Pulmonology (TRS)

Aims : Turkish Respiratory Society (TRS) stands as our nation's most established and pioneering organization dedicated to lung health, proudly celebrating its 56th anniversary this year. Over more than half a century, it has played a profoundly active role in planning and regulating pulmonology and thoracic medicine education in Türkiye, growing into a robust scientific community with over 6,000 members. In 2014, we established the Young Academicians Group, known as GEAK, to provide a dedicated platform where young researchers could express their scientific vision. Today, GEAK has evolved into one of the most dynamic pillars of our society. We view GEAK as the future-facing vision of TRS—an entity that consistently targets continuous transformation, scientific advancement, and cutting-edge innovation. Our primary mission is to support, guide, and collaborate with young specialists and aspiring academicians serving across every corner of our country as they advance along their academic career paths. Operationally, GEAK members conceptualize and present their research proposals to the society's executive board. Upon approval, pre-study preparations are finalized under the guidance of experienced mentors. Once announced to our network of young academicians, these projects transition into robust, multi-center collaborative studies involving participating institutions. To date, 13 multicenter studies have been published in prestigious journals, and the processes of 7 multicenter studies planned for this year are currently ongoing. In addition, to enhance the academic competencies of GEAK members, we collaborate with the editors of our society's official journal, the Eurasian Journal of Pulmonology, to organize numerous webinars, online article presentations, and statistics courses. These activities focus on scientific article translation, manuscript writing, peer-review processes, and statistical evaluation. To date, we have conducted 5 manuscript review webinars, completed 19 international article/review translations, and produced 76 article summaries in the form of YouTube videos. In addition, statistics courses are organized regularly each year. Looking forward, our strategic vision focuses on forging strong international alliances and executing joint projects with equivalent youth structures in global societies. We strongly believe this collaborative approach will significantly enhance international synergy. We foresee that establishing close partnerships in clinical fellowship programs, short-term training modules, and advanced courses will yield highly positive returns for global medical education strategies. In this context, we place the utmost importance on working closely and developing joint scientific initiatives with the European Respiratory Society (ERS).

14:15	**GEAK: A National Model for Cultivating Future Leaders in Pulmonology** All speakers	**3294**

World Village Auditorium — Session 267 — 15:00 - 15:30

Session world village: RESPIRA Program update (AIPO-ITS & SIP-IRS)

Aims : The RESPIRA project aims to improve care pathways for patients with chronic respiratory diseases through structured dialogue between clinicians, scientific societies, and health institutions. Given the significant burden of respiratory disease in Italy, ongoing coordination across all stakeholders — from ministerial to regional level — is essential.

15:00	**RESPIRA Program update** All speakers	**3295**

World Village Auditorium — Session 286 — 15:45 - 16:15

Session world village: ELF Patient organisations network session: focus on professional-patient partnerships - Session 1

Aims : Organisations from the ELF patient organisation network present their work at the World Village. The presentations will be primarily focussed on the congress theme giving practical examples of professional and patients working in partnership in different projects. It is a great opportunity to hear about the work of patient organisations across Europe and to connect with them.

15:45	**World Village Auditorium- ELF Patient organisations network session: focus on professional-patient partnerships - Session 1** All speakers	**3314**

World Village Auditorium — Session 277 — 08:15 - 09:15

Session world village: HOPE Documentary Series: New, positive narratives for public engagement in science communication

Aims : To reach new audiences by bringing science-based solutions to the general public, with hopeful narratives that ignite public health action in the face of the climate emergency.

08:15 **HOPE Documentary Series: New, positive narratives for public engagement in science communication** **3305**
All speakers

World Village Auditorium — Session 279 — 09:15 - 09:45

Session world village: World Village Auditorium- ELF Patient organisations network session: focus on professional-patient partnerships - Session 2

Aims : Organisations from the ELF patient organisation network present their work at the World Village. The presentations will be primarily focussed on the congress theme giving practical examples of professional and patients working in partnership in different projects. It is a great opportunity to hear about the work of patient organisations across Europe and to connect with them.

09:15 **World Village Auditorium- ELF Patient organisations network session: focus on professional-patient partnerships - Session 2** **3307**
All speakers

World Village Auditorium — Session 269 — 10:00 - 10:30

Session world village: The Role of the ECFS-CTN in Supporting Combined CF Bronchiectasis and Non-CF Bronchiectasis Clinical Trials (ECFS)

Aims : There is a growing scientific and clinical interest in the inclusion of both cystic fibrosis bronchiectasis (CF BE) and non-cystic fibrosis bronchiectasis (Non-CF BE) populations within the same clinical trial. As a well-established network, the European Cystic Fibrosis Society Clinical Trials Network (ECFS-CTN) is committed to close collaboration with the bronchiectasis research community. The network aims to support the design and conduct of such combined studies by providing scientific input through its protocol review service and by facilitating the identification of experienced study sites through the site feasibility service. The ECFS-CTN currently comprises 68 CF centres across 20 European countries, providing care for 26.082 paediatric and adult patients with CF. The network is uniquely positioned to support multinationals trials as it has highly experienced sites, is well-organized and has a strong credibility with regulatory authorities, academia and industry. A survey conducted among ECFS-CTN sites in 2025 demonstrated broad support among CF investigators for the inclusion of both CF BE and non-CF BE populations within the same clinical trial. Respondents highlighted several key conditions for successful collaboration, including the simultaneous notification of CF and Non-CF BE investigators regarding new study opportunities, transparency in the selection of study leadership and the coordinated initiation of patient recruitment across both populations. Through such an approach, both communities can work towards their shared objective of getting medicines to patients as quickly as possible. The ECFS-CTN looks forward to contributing to and strengthening these collaborative initiatives.

10:00 **The Role of the ECFS-CTN in Supporting Combined CF Bronchiectasis and Non-CF Bronchiectasis Clinical Trials** **3297**
All speakers

World Village Auditorium — Session 270 — 10:45 - 11:15

Session world village: Pulmonology in Algeria: Bridging Heritage and Innovation for Global Health Challenges (SAP)

Aims : This session, "Pulmonology in Algeria: Bridging Heritage and Innovation for Global Health Challenges," aims to highlight Algeria's ongoing efforts and achievements in the field of pulmonology at the local, regional, and international levels. Through the work of the Société Algérienne de Pneumologie (SAP), Algeria has been actively building a robust scientific and clinical network dedicated to advancing respiratory medicine. This session will showcase the various initiatives undertaken by Algerian pulmonology societies to promote best clinical practices, strengthen continuing medical education, and foster collaboration among healthcare professionals across the country. A key focus will be placed on public health improvement, particularly efforts to enhance early diagnosis, patient management, and access to care for respiratory diseases in both urban and underserved regions. The session will also address Algeria's growing engagement in tackling climate-related respiratory health threats, recognizing the increasing impact of environmental and climatic changes on lung health across North Africa. Additionally, particular attention will be given to the promotion of medical research, with an emphasis on empowering young pulmonologists and researchers as the next generation of scientific leadership. By encouraging youth involvement in clinical research and international scientific exchange, Algeria seeks to strengthen its contribution to the global pulmonology community. This session offers a valuable opportunity to reflect on Algeria's journey — from historical foundations to future ambitions — and its role in addressing shared global respiratory health challenges.

10:45	**Pulmonology in Algeria: Bridging Heritage and Innovation for Global Health Challenges** All speakers	**3298**

World Village Auditorium — Session 283 — 11:30 - 12:00

Session world village: Breath of Prevention: Sri Lanka's National Drive for Respiratory Health (SLCP)

Aims : The Sri Lanka College of Pulmonologists (SLCP) invites you to the World Village to discover how a small island nation is building a coordinated, prevention-first approach to respiratory care. Breath of Prevention is the theme of SLCP's Annual Academic Sessions 2027, and it captures a philosophy now driving every one of the College's specialist assemblies.
Our Interstitial Lung Disease (ILD) Assembly has established Sri Lanka's first national multidisciplinary team (MDT) platform, linking pulmonologists, radiologists, and pathologists island-wide for consensus diagnosis, alongside a national ILD registry generating the country's first longitudinal data on disease burden and outcomes.
The Airway Assembly is carrying prevention into primary care through a nationwide Asthma project training family physicians in early recognition and control, complemented by public-facing Asthma Day, COPD Day, and Bronchiectasis Day campaigns that take respiratory health messaging directly to patients and communities.
Our Sleep Assembly is expanding national clinical capacity through structured hands-on workshops in sleep-disordered breathing, while the Lung Cancer Assembly has launched a pilot low-dose CT lung cancer screening project, Sri Lanka's first step toward organised early detection.
Join us to hear how a College of pulmonologists in a resource-limited setting is turning prevention into everyday practice, one assembly, one registry, one community campaign at a time, and share ideas on how this model might translate to your own national society or region.

11:30	**Breath of Prevention: Sri Lanka's National Drive for Respiratory Health** All speakers	**3311**

World Village Auditorium — Session 334 — 12:15 - 13:30

Session world village: How to get involved with the ERS. First step: meet your ECM Representative! (Assemblies 1 & 9)

Aims : To learn how to get involved in ERS and how many ways there are to enhance your career development, with ECM representatives from Assemblies 1 and 9.

12:15	**Meet Your Early Career Member Representatives** All speakers	**3564**

No Room — Session 335 — 12:15 - 13:30

Session world village: Meet Your Early Career Member Representatives

12:15	All speakers	**3565**

World Village Auditorium — Session 271 — 14:15 - 14:45

Session world village: The Contribution of Professional Associations to Civil Society: The Example of the Turkish Thoracic Society (TTS)

Aims : Professional associations constitute essential components of civil society by facilitating knowledge exchange, promoting public engagement, and contributing to evidence-based policymaking. The Turkish Thoracic Society exemplifies this role through its sustained efforts to improve respiratory health, increase public awareness of lung diseases, and advocate for tobacco control and environmental health policies. Through scientific research, continuing medical education, public health campaigns, and collaborations with national and international stakeholders, the Society extends its impact beyond the medical community and contributes significantly to social well-being. By fostering professional responsibility, civic participation, and interdisciplinary cooperation, the Turkish Thoracic Society demonstrates the capacity of professional organizations to strengthen advocacy and enhance the development of an informed and resilient civil society.

14:15	**The Contribution of Professional Associations to Civil Society: The Example of the Turkish Thoracic Society** All speakers	**3299**

World Village Auditorium — Session 273 — 15:00 - 15:30

Session world village: IRC Lung Facts: Using Data to Drive Policy Change

Aims : How can data be used to drive meaningful policy change? This session will present the 2026 updates to the International Respiratory Coalition (IRC) Lung Facts and highlight real-world examples from national coalitions that have used the resource to support advocacy, engage decision-makers, and advance respiratory health priorities.

15:00 **IRC Lung Facts: Using Data to Drive Policy Change** **3301**
All speakers

World Village Auditorium — Session 274 — 15:45 - 16:15

Session world village: IRC Patient Engagement: Strengthening Advocacy for Lung Health

Aims : Patient voices are essential in shaping policies and driving meaningful change in respiratory health. This session will showcase how people living with respiratory diseases contribute to the International Respiratory Coalition (IRC), help strengthen advocacy efforts, influence decision-makers, and build more effective national respiratory strategies.

16:15 **IRC Patient Engagement: Strengthening Advocacy for Lung Health** **3302**
All speakers

World Village Auditorium — Session 290 — 16:30 - 17:00

Session world village: New Opportunities, New Perspectives (PTChP)

Aims : The session aims to gather members of the Polish Respiratory Society. We want to show what new opportunities we gained over the past year and what perspectives this gives us. We want to demonstrate our commitment to activities within ERS and IRC.

16:30 **New Opportunities, New Perspectives (PTChP)** **3318**
All speakers

World Village Auditorium — Session 276 — 17:15 - 18:15

Session world village: Meet the ERS Science Directors - top tips in your science application Guidelines & CRCs

Aims : You will have the opportunity to meet the ERS Directors of CRC (Clinical Research Collaborations) and Guidelines to ask questions about the different programmes and top tips on submitting an application.

Chairs : Sanja Stanojevic (Halifax (NS), Canada), Winfried J. Randerath (Solingen, Germany)

17:15 **Meet the ERS Science Directors - top tips in your science application' Guidelines & CRCs** **3304**
All speakers

World Village Auditorium — Session 284 — 08:15 - 09:15

Session world village: Meet the ERS Science Directors - top tips in your science application Fellowships, Awards and Seminars

Aims : You will have the opportunity to meet the ERS Directors of Fellowships & Awards and Research Seminars & Conferences to ask questions about the different programmes and top tips on submitting an application.

Chairs : Agnes Boots (Maastricht, Netherlands), Didier Cataldo (Liege, Belgium)

08:15 **Meet the ERS Science Directors - top tips in your science application' Fellowships, Awards and Seminars** **3312**
All speakers

World Village Auditorium — Session 292 — 09:30 - 10:00

Session world village: Beyond the Annual Meeting: How ATS Supports Respiratory Professionals Year Round (ATS)

Aims : The American Thoracic Society (ATS) is much more than an annual conference. This session will showcase the many ways ATS supports respiratory professionals throughout the year by providing opportunities for lifelong learning, career development, research collaboration, leadership, and global engagement. Attendees will learn about ATS's world class scientific journals, evidence based clinical practice guidelines, online educational resources, webinars, international training initiatives, leadership opportunities within the Society, and programs designed to foster mentorship and professional growth. The session will also highlight how ATS connects a diverse global community of clinicians, researchers, educators, and allied health professionals to advance respiratory health worldwide. Whether you are an early career professional or an established leader, discover how ATS membership can help you stay at the forefront of science, expand your international network, and make a lasting impact on patient care and the future of respiratory medicine.

09:30 **Beyond the Annual Meeting: How ATS Supports Respiratory Professionals Year Round** **3320**
All speakers

World Village Auditorium — Session 291 — 10:15 - 10:45

Session world village: Tobacco Endgame: progress and the road ahead for ERS tobacco control advocacy

Aims : This auditorium session invites ERS members, professionals and patients interested in tobacco control to come together and exchange perspectives on advancing the tobacco endgame in Europe and beyond. The session will offer a space to showcase key tobacco control initiatives of the Tobacco Control Committee and insights into the next steps of the Committee. Participants will hear about two forthcoming ERS statements: the European Respiratory Society statement on the environmental impact of tobacco and nicotine products and the Statement of the European Respiratory Society on the tobacco endgame. The session will also highlight ERS work around the regulation of novel nicotine products in the context of the revision of EU tobacco control legislation, as well as emerging tobacco endgame approaches, including generational sales ban policies.
The session will provide an opportunity to learn about upcoming activities and events, find ways to get involved in ERS tobacco control work, meet Committee members, and share relevant initiatives and experiences with others working in the field.

10:15 **Tobacco Endgame: progress and the road ahead for ERS tobacco control advocacy** **3319**
All speakers

World Village Auditorium — Session 281 — 11:00 - 11:30

Session world village: Romanian Society of Pneumology – challenges and hopes for 2026 (SRP)

Aims : The Romanian Society of Pneumology continues to play a pivotal role in advancing respiratory medicine through education, research, professional collaboration, and advocacy. As healthcare systems face increasing pressure from demographic changes, emerging respiratory diseases, environmental challenges, and rapid technological developments, 2026 represents both a period of significant challenges and new opportunities. This session will provide an overview of the Society's strategic priorities for 2026, highlighting ongoing initiatives aimed at improving the prevention, diagnosis, and management of respiratory diseases in Romania. Key topics will include the implementation of updated clinical guidelines, strengthening multidisciplinary collaboration, expanding educational programmes for healthcare professionals, promoting research and innovation, and supporting national public health initiatives. The session will also address the challenges of ensuring equitable access to high-quality respiratory care, integrating digital health solutions into clinical practice, and engaging the next generation of pulmonologists in the Society's activities. Furthermore, participants will gain insight into the Society's collaboration with international respiratory organisations and its contribution to shaping respiratory healthcare policies. By reflecting on achievements, identifying current challenges, and outlining future objectives, this session aims to foster dialogue and inspire collective action towards improving respiratory health and patient care in Romania throughout 2026 and beyond.

11:30 **Placeholder** **3309**
All speakers

World Village Auditorium — Session 278 — 11:45 - 12:00

Session world village: Accrediting Excellence in Respiratory Medicine (EBAP)

Aims : Meet the European Board for Accreditation in Pneumology officers and discover how accreditation enhances the quality, credibility, and impact of respiratory education through CME-certified events, online learning, and professional training initiatives.

11:45 **Accrediting Excellence in Respiratory Medicine (EBAP)** — **3306**
All speakers

World Village Auditorium — Session 288 — 12:15 - 13:30

Session world village: How to get involved with the ERS. First step: meet your ECM Representative! (Assemblies 5, 6, 10, 12, 13)

Aims : To learn how to get involved in ERS and how many ways there are to enhance your career development, with ECM representatives from Assemblies 5, 6, 10, 12, 13)

12:15 **How to get involved with the ERS. First step: meet your ECM Representative!** — **3316**
All speakers

No Room — Session 506 — 12:15 - 13:30

Session world village: Meet Your Early Career Member Representatives

12:15 — **5727**
All speakers

World Village Auditorium — Session 272 — 13:45 - 14:45

Session world village: HOPE Documentary Series: New, positive narratives for public engagement in science communication

Aims : To reach new audiences by bringing science-based solutions to the general public, with hopeful narratives that ignite public health action in the face of the climate emergency.

13:45 **HOPE Documentary Series: New, positive narratives for public engagement in science communication** — **3300**
All speakers

World Village Auditorium — Session 275 — 15:00 - 15:30

Session world village: Advancing Respiratory Care: Clinical Excellence and Public Health Milestones by TSPCCM

Aims : This session offers an insightful overview of the structural strengths, professional milestones, and public health contributions of pulmonary and critical care medicine in Taiwan. Guided by the Taiwan Society of Pulmonary and Critical Care Medicine (TSPCCM) in close collaboration with government health authorities, Taiwan has established world-class clinical standers and landmark public health initiatives. The presentation highlights three core national milestones driven by Taiwan's strong public-private partnership. First, the highly successful "Tuberculosis Ten-Year Halving Program" achieved a historic decline in TB incidence. Second, the innovative National Health Insurance Pay-for-Performance (P4P) programs for COPD and Asthma effectively integrated case management and comprehensive pulmonary rehabilitation, drastically reducing exacerbations and hospital readmission. Finally, we pioneered early lung cancer screening programs. Beyond sharing Taiwan's impactful institutional frameworks and healthcare system experiences, our goal is to build collaborative pathways with global counterparts. We warmly invite institutional leaders, education delegates, and international medical societies to join us for institutional matchmaking, joint medical education initiatives, and international clinical exchange opportunities.

15:00 **Advancing Respiratory Care: Clinical Excellence and Public Health Milestones by TSPCCM** — **3303**
All speakers

World Village Auditorium — Session 287 — 15:45 - 16:15

Session world village: Collaborating for Cleaner Air and Better Health: achievements and opportunities for interested professionals

Aims : This auditorium session offers a space for ERS members, professionals and patients with an interest in the how environment and climate change impact respiratory health, exchange perspectives and experiences, while exploring opportunities for collaboration. The Chair and members of the ERS Environment and Health Committee will share the Committee's priorities, ongoing activities and future plans. The session will highlight the Committee's recent advocacy event series on natural disasters, climate change and their impact on respiratory health. Through a policy discussion and a series of webinars, ERS has brought together experts, policymakers, healthcare professionals and patient representatives to explore the respiratory impacts of wildfires, heatwaves, dust storms and flooding, as well as the preparedness and policy responses needed to protect respiratory health in a changing climate. This session will also feature a funding opportunity around clean air and health. Participants will also hear about upcoming activities and opportunities to contribute to ERS work on environment and health. The session will offer a chance to exchange perspectives, share relevant initiatives and experiences, and engage directly with Committee members and others working in this area.

15:45	**Collaborating for Cleaner Air and Better Health: achievements and opportunities for interested professionals** All speakers	**3315**

INDUSTRY SESSIONS

3A Session 92 08:30 - 09:15

Industry Skills Lab Workshop: AI Enhanced Flexible Bronchoscopy Skills Workshop

Organised by Ambu S/A

Chairs : Lars Konge (Copenhagen, Denmark, Denmark)

08:30	Jouke T. Annema (Amsterdam, Netherlands), Konstantina Kontogianni (Heidelberg, Germany)	**1159**

3A Session 109 10:45 - 11:30

Industry Skills Lab Workshop: Auto-Servo Ventilation Therapy in Central Sleep Apnea: Bridging Guidelines and Clinical Practice

Organised by Philips

Chairs : Rami N. Khayat (Hershey, United States)

10:45	**Current Guideline Landscape** Esther Irene Schwarz (Zürich, Switzerland)	**1259**
11:05	**Clinical Case Series: from Decision-Making to Patient Outcomes** Dries Testelmans (Leuven, Belgium)	**1260**
11:25	**Q&A Session** All speakers	**1261**

3M Session 110 10:45 - 11:30

Industry Skills Lab Workshop: Putting patient experience at the centre of CPAP therapy

Organised by Resmed

Chairs : Elisa Perger (Milano, Italy), Justine Frija (Paris, France)

10:45	**Redefining success in CPAP therapy: choice of mask as a key driver of patient experience, adherence, and outcomes** Maria Del Carmen Mascareño Ponte (Manchester (Greater Manchester), United Kingdom), Agnieszka Matthews (Manchester (Greater Manchester), United Kingdom)	**1262**
11:05	**Digital health in CPAP: transforming patient engagement into sustained treatment adherence** Chris Carlin (Glasgow (Glasgow), United Kingdom)	**1263**

1A Session 119 12:15 - 13:15

Industry Lunchtime Symposium: Bridging Lived and Clinical Experiences: Patient and Pulmonologist Perspectives in IPF and PPF

Organised by Bristol Myers Squibb

Chairs : Bruno Crestani (Paris, France)

12:15	**Bridging Lived and Clinical Experiences: Patient and Pulmonologist Perspectives in IPF and PPF** Bruno Crestani (Paris, France)	**1327**

3L Session 120 12:15 - 13:15

Industry Lunchtime Symposium: The Power of Time in Asthma: A Shift Towards Rapid and Sustained Efficacy

Organised by GSK

Chairs : Luis A Pérez De Llano (Lugo, Spain)

12:15	**Welcome and introductions** Luis A Pérez De Llano (Lugo, Spain)	**1328**
12:20	**Against the Clock: The Consequences of Inconsistent Type 2 Control** Luis A Pérez De Llano (Lugo, Spain)	**1329**
12:35	**The Time is Now: A New Standard of Protection with Rapid and Sustained Efficacy** David J. Jackson (London, United Kingdom), Stephanie Korn (Mainz, Germany)	**1330**

13:05	**Q&A, Summary and Close** Luis A Pérez De Llano (Lugo, Spain)	**1331**

3B Session 121 12:15 - 13:15

Industry Lunchtime Symposium: Powering Timely Action: From Earlier COPD Detection to better patient outcomes

Organised by Chiesi

Chairs : Claus Vogelmeier (Uelzen, Germany), Jinping Zheng (Guangzhou (Guangdong), China)

12:15	**Introduction** Jinping Zheng (Guangzhou (Guangdong), China)	**1332**
12:19	**Small Airways, Big Clues: Rethinking COPD Beginnings and Early Detection** MeiLan K. Han (Ann Arbor, United States)	**1333**
12:35	**Small Airways Disease and Timely COPD Management: From Clinical Evidence to Real-World Data** Paola Rogliani (Roma (RM), Italy)	**1334**
12:50	**Treating the Whole Patient: Multimorbidity and Systemic Challenges in COPD** Daiana Stolz (Freiburg, Germany)	**1335**
13:05	**Q&A** Claus Vogelmeier (Uelzen, Germany), Jinping Zheng (Guangzhou (Guangdong), China), MeiLan K. Han (Ann Arbor, United States), Paola Rogliani (Roma (RM), Italy), Daiana Stolz (Freiburg, Germany)	**1336**

3C Session 122 12:15 - 13:15

Industry Lunchtime Symposium: Why near-complete eosinophil depletion matters for patients with eosinophil-driven disease

Organised by AstraZeneca

Chairs : Krystelle Godbout (Québec (QC), Canada)

12:15	**Welcome and introductions** Krystelle Godbout (Québec (QC), Canada)	**1337**
12:20	**Mechanisms of targeting eosinophilic inflammation** Arnaud Bourdin (Montpellier, France)	**1338**
12:30	**Clinical impact of depleting or reducing eosinophils in SEA and systemic eosinophil-driven disease** Krystelle Godbout (Québec (QC), Canada)	**1339**
12:45	**Patient-centred care: treatment outcomes and dosing schedule considerations in SEA** Felix J.F. Herth (Heidelberg, Germany), All speakers	**1340**
13:05	**Clinical perspectives on targeting eosinophilic inflammation in SEA and systemic eosinophil-driven disease** All speakers	**1341**

3D Session 123 12:15 - 13:15

Industry Lunchtime Symposium: Impact of Early Initiation of Novel Therapy in PAH

Organised by MSD

Chairs : Gabor Kovacs (Graz, Austria)

12:15	**Welcome and Introductions** Gabor Kovacs (Graz, Austria)	**1342**
12:18	**Clinical Data Supporting Early Initiation of Activin Signaling Inhibitor (ASI) at Follow-Up in the PAH Treatment Paradigm** R James White (Rochester, United States)	**1343**
12:28	**Clinical Data Supporting Earlier Initiation of Sotatercept in PAH Patients on Top of Double Background Therapy** Vallerie V. McLaughlin (Ann Arbor, United States)	**1344**

12:38	**Clinical Considerations in CTD-PAH Patients** Rogerio De Souza (Sao Paulo, Brazil)	**1345**
12:48	**Totality of Evidence Across Patient Types, Functional Capacity and Risk Groups** Gabor Kovacs (Graz, Austria)	**1346**
12:58	**Round Table Q&A/Discussion** Gabor Kovacs (Graz, Austria)	**1347**

3F Session 125 12:15 - 13:15

Industry Lunchtime Symposium: Dupilumab in Asthma & COPD: Setting New Expectations in Respiratory Care

Organised by Sanofi Regeneron

Chairs : Riyad Allehebi (Riyadh, Saudi Arabia)

12:15	**Welcome and Introduction** Klaus F. Rabe (Kiel, Germany)	**1352**
12:20	**Why is identifying and treating Type 2 inflammation important in asthma and COPD?** Riyad Allehebi (Riyadh, Saudi Arabia)	**1353**
12:35	**Beyond exacerbations: the latest in dupilumab clinical and real-world outcomes in asthma and COPD** Francesca Antonietta Puggioni (Rozzano (MI), Italy), Klaus F. Rabe (Kiel, Germany)	**1354**
13:05	**Q&A and close** Francesca Antonietta Puggioni (Rozzano (MI), Italy), Klaus F. Rabe (Kiel, Germany), Riyad Allehebi (Riyadh, Saudi Arabia)	**1355**

3G Session 172 12:45 - 13:45

Industry Lunchtime Symposium: Experts in Dialogue: New Horizons in the Management of COPD

Organised by F. Hoffmann-La Roche

Chairs : Alberto Papi (Cona, Ferrara, Italy)

12:45	**The Global Impact of COPD and the Imperative for New Therapeutic Strategies** Alberto Papi (Cona, Ferrara, Italy)	**2191**
12:55	**Unveiling the Burden: Real-World Impact of COPD Beyond Lung Function** Dave Singh (Manchester, United Kingdom)	**2192**
13:17	**The Future of COPD Treatment: Exploring Novel Targets and Therapeutic Strategies** Jadwiga A Wedzicha (London, United Kingdom)	**2193**
13:40	**Closing Remarks: Our Vision for the New Era of COPD Care** Alberto Papi (Cona, Ferrara, Italy)	**2194**

3H Session 173 12:45 - 13:45

Industry Lunchtime Symposium: Not all PCVs were created equal: leveraging real-world evidence of PCVs to help protect adults with chronic lung disease

Organised by Pfizer

Chairs : Eva Polverino (Barcelona, Spain)

12:45	**Welcome and Opening Remarks on the Burden of Pneumococcal Disease in Adults with Chronic Lung Disease** Eva Polverino (Barcelona, Spain)	**2195**
12:57	**Help Protect Adult Patients with Risk Conditions from Pneumococcal disease** Martin Kolditz (Dresden, Germany)	**2196**
13:12	**Fire-Side Chat: A Practical Guide to Improving Pneumococcal Vaccine Uptake Among Adults** Paolo Bonanni (paolo.bonanni@unifi.it, Italy)	**2197**

13:34	**Faculty Discussion and Q&A Session** Eva Polverino (Barcelona, Spain), Martin Kolditz (Dresden, Germany), Paolo Bonanni (paolo.bonanni@unifi.it, Italy), Ricardo Baptista Leite (Lisboa, Portugal)	**2198**
13:44	**Closing Remarks** Eva Polverino (Barcelona, Spain)	**6815**

3J Session 174 12:45 - 13:45

Industry Lunchtime Symposium: Beyond Control and Stability: Reshaping COPD & Asthma Outcomes through Disease Trajectory Modification

Organised by Menarini Group

Chairs : David M. G. Halpin (Exeter, United Kingdom)

12:45	**Setting the Stage: Emerging Priorities in Respiratory Disease Management** David M. G. Halpin (Exeter, United Kingdom)	**2199**
12:55	**Beyond Symptom Relief: Preventing Clinical Deterioration Through Optimized Bronchodilation** Pierachille Santus (Milano (MI), Italy)	**2200**
13:10	**Optimizing Triple Therapy in COPD: A Personalized, Patient-Centered Approach** Konstantinos Kostikas (Ioannina, Greece)	**2201**
13:25	**Patient-Centered Asthma Management: Strategies for Better Outcomes** Ian D. Pavord (Oxford, United Kingdom)	**2202**
13:40	**Conclusions and Q&A** David M. G. Halpin (Exeter, United Kingdom)	**2203**

3K Session 175 12:45 - 13:45

Industry Lunchtime Symposium:

Catching Bronchiectasis Early: Impacting Disease Tracjectory

Organised by Insmed

Chairs : Oriol Sibila Vidal (Barcelona, Spain)

12:45	**Introduction and Objectives** Oriol Sibila Vidal (Barcelona, Spain)	**2204**
12:55	**Diagnosis: Identifying the Problem, Why We Must Act** Diego Maselli (San Antonio, United States)	**2205**
13:05	**Understanding the Underlying Disease Process: What We Know Now** Merete Bridget Long (Dundee, United Kingdom)	**2206**
13:15	**Catching Bronchiectasis Early: Impacting Disease Trajectory** Pieter Goeminne (Bornem, Belgium)	**2207**
13:25	**Panel Discussion with all speaker** All speakers	**2208**
13:35	**Q&A with all speaker Moderated by the Chair** All speakers	**2209**

3A Session 183 14:00 - 14:45

Industry Skills Lab Workshop: Questionnaire for Oxygen Therapy Evaluation (QuOTE) in Long Term Oxygen Therapy - A new and simple assessment tool

Organised by Inogen Europe B.V

Chairs : ABHIJITH PG (Amsterdam, Netherlands)

14:00	**Long Term Oxygen Therapy : Who and How?** Maxime Patout (Paris, France)	**2245**
14:20	**Questionnaire for Oxygen Therapy Evaluation (QuOTE) : Why and When?** Michael Dreher (Aachen, Germany)	**2246**

14:35	All speakers	**2247**

3M Session 184 14:00 - 14:45

Industry Skills Lab Workshop: Airway Hyperresponsiveness in the Era of Precision Medicine - Diagnosis, Prognosis and Treatment Decisions

Organised by GANSHORN Medizin Electronic GmbH

Chairs : John Brannan (Newcastle (NSW), Australia)

14:00	**Beyond Bronchodilator Response: Understanding and Diagnosing Airway Hyperresponsiveness** John Brannan (Newcastle (NSW), Australia)	**2248**

3A Session 206 15:45 - 16:30

Industry Skills Lab Workshop: Earlier Recognition of ILD: Combining Clinical Expertise and Artificial Intelligence

Organised by GMV

Chairs : Carlos Illana Alejandro (Madrid, Spain)

15:45	**Welcome and Presentation of speakers** Carlos Illana Alejandro (Madrid, Spain),	**2402**
15:50	**Interstitial Lung Diseases: Current Challenges and Unmet Needs** Maria Molina Molina (Barcelona, Spain),	**2403**
16:00	**Artificial Intelligence for Lung Imaging: Supporting Earlier Detection** Emilio Alvarez Cuesta (Madrid, Spain)	**2404**
16:10	**Hands-on, interactive Discussion and Q&A** All speakers	**2405**

3M Session 207 15:45 - 16:30

Industry Skills Lab Workshop: Why is it still so hard? Mastering the match in inhaler decision-making – Vote. Discuss. Decide.

Organised by Orion Pharma

Chairs : Guy Brusselle (Ghent, Belgium)

15:45	**Setting the asthma evidence framework: GINA 2026** Guy Brusselle (Ghent, Belgium)	**2406**
16:00	**Bridging the gap between evidence and real-life inhaler use** Federico Lavorini (Firenze (FI), Italy), Darush Attar (London, United Kingdom)	**2407**

3L Session 208 17:30 - 19:00

Industry evening symposium: Opportunities for improving outcomes in pulmonary fibrosis

Organised by Boehringer Ingelheim International GmbH

Chairs : Maria Molina Molina (Barcelona, Spain)

17:30	**Welcome and introduction** Maria Molina Molina (Barcelona, Spain)	**2408**
17:35	**A new treatment landscape in IPF and PPF** Toby M Maher (Los Angeles, CA, United States)	**2409**
17:55	**Survival in PF: redefining expectations** Ayodeji Adegunsoye (Chicago, United States)	**2410**
18:15	**Partnering with patients: shared decision-making to improve patient care** Catharina C. Moor (Rotterdam, Netherlands)	**2411**

18:35	**Q&A** All speakers	**2412**

3B Session 209 17:30 - 19:00

Industry evening symposium: Targeting TSLP to address epithelial-driven inflammation: advancing patient outcomes in SUA, severe CRSwNP and comorbid SUA+CRSwNP

Organised by AstraZeneca

Chairs : Klaus F. Rabe (Kiel, Germany)

17:30	**Welcome and introduction** Klaus F. Rabe (Kiel, Germany)	**2413**
17:35	**Epithelial-driven inflammation in united airway diseases** Klaus F. Rabe (Kiel, Germany)	**2414**
17:50	**Tezepelumab across the united airways: severe uncontrolled asthma and comorbid CRSwNP** Katrin Milger-Kneidinger (Graz, Austria), Anju Peters (Chicago, United States)	**2415**
18:20	**Real-world evidence: real-world impact** Ignacio Dávila (Salamanca, Spain), Eugenio De Corso (, Italy)	**2416**
18:55	**Summary and close** Klaus F. Rabe (Kiel, Germany)	**2417**

3E Session 210 17:30 - 19:00

Industry evening symposium: COPD Under the Spotlight – The Consequences of Delayed Optimisation on Cardiopulmonary Outcomes

Organised by AstraZeneca

Chairs : Bartolome R. Celli Croquer (Boston, United States)

17:30	**AstraZeneca welcome** AstraZeneca (Wilmington, United States)	**2418**
17:35	**Today's latest news in COPD management** Bartolome R. Celli Croquer (Boston, United States)	**2419**
17:40	**Clinical report: How pulmonologists are looking at both the lungs and heart to tackle cardiopulmonary risk in COPD** Richard E. K. Russell (Lymington (Hampshire), United Kingdom), All speakers	**2420**
18:05	**Expert analysis: How early optimisation with TRIXEO could improve patient outcomes in COPD** Bernardino Alcazar Navarrete (Granada, Spain), All speakers	**2421**
18:30	**Live from the clinic: Two patients, two paths – what made the difference?** Thérèse Lapperre (Edegem, Belgium), All speakers	**2422**
18:50	**Key takeaways from today** Bartolome R. Celli Croquer (Boston, United States)	**2423**

3G Session 211 17:30 - 19:00

Industry evening symposium: Caring for Patients, caring for the Planet: Transforming Respiratory Care for a Sustainable Future

Organised by Chiesi

Chairs : Alvar Agusti Garcia-Navarro (Barcelona, Spain), Alberto Papi (Cona, Ferrara, Italy)

17:30	**Introduction** Alvar Agusti Garcia-Navarro (Barcelona, Spain), Alberto Papi (Cona, Ferrara, Italy)	**2424**
17:35	**From Climate Change to Poor Disease Prognosis in Asthma and COPD: Consequences for Patients and the Planet** Judith Garcia-Aymerich (Barcelona, Spain)	**2425**

17:55	**The importance of individualized respiratory care: Aiming for the implementation of The Triad in carbon footprint reduction** Job F.M. van Boven (Groningen, Netherlands)	**2426**
18:15	**Shared responsibility in transforming Respiratory Care for a Sustainable Future** Dave Singh (Manchester, United Kingdom)	**2427**
18:35	**Roundtable Discussion** Alvar Agusti Garcia-Navarro (Barcelona, Spain), Alberto Papi (Cona, Ferrara, Italy), Judith Garcia-Aymerich (Barcelona, Spain), Job F.M. van Boven (Groningen, Netherlands), Dave Singh (Manchester, United Kingdom)	**2428**

3H Session 212 17:30 - 19:00

Industry evening symposium: Breaking Silos Between Asthma and CRSwNP: Loss of Smell as a Marker of Unified Airway Disease

Organised by Sanofi Regeneron

Chairs : Roland Buhl (Mainz, Germany)

17:30	**Welcome and Introductions** Roland Buhl (Mainz, Germany)	**2429**
17:35	**Unraveling the Mechanism: The Pathophysiology of Type 2 Inflammation in the Unified Airway** Giselle Mosnaim (Chicago, United States)	**2430**
17:45	**Smell Loss in Patients With Asthma: A Possible Predictor of CRSwNP and Type 2 Inflammation** Joaquim Mullol Miret (Barcelona, Catalonia, Spain)	**2431**
17:55	**The Amplified Burden: Decreased QoL, Increased Steroid Burden, and Difficulty Achieving Disease Control for Patients With Coexisting Asthma and CRSwNP** Roland Buhl (Mainz, Germany), Giselle Mosnaim (Chicago, United States)	**2432**
18:10	**Collaborative Care in Action: A Patient Case Discussion** Roland Buhl (Mainz, Germany), Joaquim Mullol Miret (Barcelona, Catalonia, Spain), Giselle Mosnaim (Chicago, United States)	**2433**
18:25	**Biologics in Unified Airway Disease: Improving Smell and Reclaiming Control** Joaquim Mullol Miret (Barcelona, Catalonia, Spain)	**2434**
18:35	**Audience Q&A** Roland Buhl (Mainz, Germany)	**2435**

3I Session 213 17:30 - 19:00

Industry evening symposium: Advancements in Alpha-1 Antitrypsin Deficiency (AATD)

Organised by Sanofi

Chairs : Christian F. Clarenbach (Zürich, Switzerland)

17:30	**Introduction** Christian F. Clarenbach (Zürich, Switzerland)	**2436**
17:40	**Disease Awareness & Current Landscape** Jose Luis Lopez-Campos (Sevilla, Spain)	**2437**
18:00	**AAT Levels** Christian F. Clarenbach (Zürich, Switzerland)	**2438**
18:15	**Clinical Outcomes** Emily F. A. van't Wout (Leiden, Netherlands)	**2439**
18:30	**Q&A** All speakers	**2440**
18:55	**Closing Remarks** Christian F. Clarenbach (Zürich, Switzerland)	**2441**

3J Session 214 17:30 - 19:00

Industry evening symposium: Refining the Clinical Picture in Pulmonary Arterial Hypertension: Using PROs to Prioritize What Matters in Patient Care

Organised by MSD

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France)

17:30	**Welcome and Introductions** Marc Humbert (Le Kremlin-Bicêtre, France)	**2442**
17:35	**Integrating PROs to Inform Risk and Care** Louise Bouman (Brussels, Belgium), Marion Delcroix (Leuven, Belgium), Gergely Meszaros (Vac, Hungary), Hall Skaara (Egersund, Norway)	**2443**
18:05	**Putting PROs Into Practice** Louise Bouman (Brussels, Belgium), Marion Delcroix (Leuven, Belgium), Gergely Meszaros (Vac, Hungary), Hall Skaara (Egersund, Norway)	**2444**
18:20	**Key Takeaways and Closing** Louise Bouman (Brussels, Belgium), Marion Delcroix (Leuven, Belgium), Gergely Meszaros (Vac, Hungary), Hall Skaara (Egersund, Norway)	**2445**
18:25	**Q&A** Louise Bouman (Brussels, Belgium), Marion Delcroix (Leuven, Belgium), Gergely Meszaros (Vac, Hungary), Hall Skaara (Egersund, Norway)	**2446**

3K Session 215 17:30 - 19:00

Industry evening symposium: Every Breath Counts: The Evolving Role of Inhaled Therapies in PAH and PH-ILD

Organised by Insmed

Chairs : Jean-Luc Vachiery (Bruxelles, Belgium)

17:30	**Welcome and Introductions From Diagnosis to Disparity: Why PAH and PH-ILD Remain an Unmet Need** Jean-Luc Vachiery (Bruxelles, Belgium)	**2447**
17:50	**Two Decades of Systemic Therapy in PAH and the Remaining Challenges** Irene Lang (Wien, Austria)	**2448**
18:10	**Inhaled by Design: Why the Device Matters in PAH and PH-ILD** H. Ardeschir Ghofrani (Gießen, Germany)	**2449**
18:30	**Evolution in Inhaled Prostacyclins: Emerging Therapies in Pulmonary Hypertension** Ioana R. Preston (Burlington, United States)	**2450**
18:50	**Q&A** Jean-Luc Vachiery (Bruxelles, Belgium)	**2451**

3A Session 216 17:30 - 19:00

Industry evening mini symposium: Towards harmonizing PAP management in Europe

Organised by Air Liquide Healthcare

Chairs : Julia Sampol Sirvent (Barcelona, Spain)

17:30	**Opening: Opportunities & challenges** Julia Sampol Sirvent (Barcelona, Spain)	**2452**
17:35	**Documenting current European PAP Management - Results from the PANORAM'OSA landscape project** Jean-Louis Pépin (Grenoble, France), Joëlle Texereau (Paris, France)	**2453**
17:55	**How do different PAP management models shape the real-life patient experience? Results from an AI-driven social media listening study in France & Germany** Michael Arzt (Regensburg, Germany)	**2454**

18:10	**Beyond disparities in patient management modalities: Aligning on meaningful outcomes to achieve PAP treatment effectiveness - Results from the APAIR real-world study** Frédéric Gagnadoux (Orvault, France)	**2455**
18:25	**Directions for the future: How service models contribute to long-term outcomes - Results from the AWAIR real-world study** Sarah Alami (Bagneux, France)	**2456**
18:45	**Interactive Panel Discussion: Leveraging opportunities for aligning on common best practices** All speakers	**2457**

3M Session 217 17:30 - 19:00

Industry evening mini symposium: Autoimmune Pulmonary Alveolar Proteinosis: From Disease Mechanisms to Clinical Management

Organised by Savara Inc.

Chairs : Cormac McCarthy (Dublin 4, Ireland)

17:30	**Welcome & Speaker Introduction** Cormac McCarthy (Dublin 4, Ireland)	**2458**
17:35	**Autoimmune PAP Pathophysiology** Ilaria Campo (Pavia (PV), Italy)	**2459**
18:00	**Autoimmune PAP Diagnosis** Marcel Veltkamp (De Meern, Netherlands)	**2460**
18:25	**Autoimmune PAP Management** Stéphane Jouneau (Rennes Cedex, France)	**2461**
18:50	**Q&A** Cormac McCarthy (Dublin 4, Ireland)	**2462**

3A Session 300 08:30 - 09:15

Industry Skills Lab Workshop: Optimizing Mucus Management: Practical Integration of OPEP Therapy Across Diverse Clinical Settings

Organised by Trudell Medical International

Chairs : William Poncin (Bruxelles, Belgium)

08:30	**Moderator introduction & audience engagement** William Poncin (Bruxelles, Belgium)	**3357**
08:35	**Case study: Escalating Airway Clearance in Bronchiectasis** Beatriz Herrero-Cortina (Zaragoza, Spain)	**3358**
08:45	**Case study: Addressing Mucus Burden in COPD** Ajdin Telalovic (München, Germany)	**3359**
08:55	**Case study: Tailoring Airway Clearance to Optimize Outcomes in Cystic Fibrosis** Gemma Stanford (Royston, United Kingdom)	**3360**
09:05	**Interactive audience Q&A and session wrap-up** William Poncin (Bruxelles, Belgium)	**3361**

3M Session 301 08:30 - 09:15

Industry Skills Lab Workshop: Beyond AHI: are we ready for the next generation of OSA metrics?

Organised by BMC Medical Co.Ltd.

Chairs : Carolina Lombardi (Milano (MI), Italy)

08:30	Raphael Heinzer (Lausanne, Switzerland), Elisa Perger (Milano, Italy)	**3362**

3A Session 319 10:45 - 11:30

Industry Skills Lab Workshop: Real-World Data Driving Measurably Better Ventilation Solutions A Skills Lab on Continuous-Improvement Ventilation

Organised by Löwenstein Medical Se & Co. Kg

Chairs : Matthias Schwaibold (Karlsruhe, Germany), Juliana Alves Pegoraro (Karlsruhe, Germany)

10:45	**Introducing** Benjamin Löwenstein (Bad Ems, Germany)	**3468**
10:50	**Effects of parameter setting and algorithm using advanced technologies (prisma VENT)** Manuel Lujan Torne (Sabadell (Barcelona), Spain)	**3469**
11:05	**Feedback loop in ventilation, Updates that lift Outcome (LUISA)** Sonia Khirani (Paris, France)	**3470**
11:15	**Data Analyses and results of a controlled market phase of CARO, a mechanical Insufflation / Exsufflation device** Joerg Grosse-Onnebrink (Münster, Germany)	**3471**

3M Session 320 10:45 - 11:30

Industry Skills Lab Workshop: Engaging patients in therapy: the next step in NIV

Organised by Resmed

Chairs : Claudia Crimi (Catania (CT), Italy), Maxime Patout (Paris, France)

10:45	**From monitoring to decision-making: the role of digital ecosystems in home NIV therapy** Patrick Murphy (London, United Kingdom)	**3472**

11:05	**Patient engagement in NIV: what can we do to make a difference?** Carla Ribeiro (Vila Nova de Gaia, Portugal)	**3473**

3L Session 329 12:15 - 13:15

Industry Lunchtime Symposium: Extinguishing the Embers: The Moment to Act in Severe Asthma and COPD

Organised by GSK

Chairs : David J. Jackson (London, United Kingdom)

12:15	**Welcome and introduction** David J. Jackson (London, United Kingdom)	**3537**
12:20	**The missed moment: How smoldering type 2 inflammation shapes long-term burden in airway disease** Fco.De Borja Garcia-Cosio Piqueras (Palma de Mallorca, Spain)	**3538**
12:30	**Seizing the moment in severe asthma: Extinguishing the embers of chronic inflammation to optimize patient outcomes** David J. Jackson (London, United Kingdom)	**3539**
12:42	**A spark for change: Redefining COPD management through precision medicine** MeiLan K. Han (Ann Arbor, United States)	**3540**
12:55	**Preventing the fire: Panel discussion on how to transform care to control inflammation before it escalates** David J. Jackson (London, United Kingdom), Fco.De Borja Garcia-Cosio Piqueras (Palma de Mallorca, Spain), MeiLan K. Han (Ann Arbor, United States)	**3541**
13:10	**Summary and close** David J. Jackson (London, United Kingdom)	**3542**

3B Session 330 12:15 - 13:15

Industry Lunchtime Symposium: Shaping the Future of Asthma Care: From Evidence to Outcomes That Matter to Patients

Organised by Chiesi

Chairs : Helen Reddel (Sydney, Australia), Nicola Hanania (Houston, United States)

12:15	**Welcome & Introduction by Chairs** Helen Reddel (Sydney, Australia), Nicola Hanania (Houston, United States)	**3543**
12:20	**Targeting Airway Inflammation & Cholinergic Tone: The Evidence for Triple Therapy in Asthma** Konstantinos Kostikas (Ioannina, Greece)	**3544**
12:35	**Unlocking asthma control through single inhaled triple therapy in the real life** Nicolas Roche (Paris, France)	**3545**
12:50	**Single inhaler triple therapy and its potential to achieve remission in moderate to severe asthma** Johann Christian Virchow (Rostock, Germany)	**3546**
13:05	**Q&A** Helen Reddel (Sydney, Australia), Nicola Hanania (Houston, United States), Nicolas Roche (Paris, France), Konstantinos Kostikas (Ioannina, Greece), Johann Christian Virchow (Rostock, Germany)	**3547**

3D Session 331 12:15 - 13:15

Industry Lunchtime Symposium: Orbiting COPD: The IL-33 trajectory from mechanism to clinical evidence

Organised by AstraZeneca

Chairs : Dave Singh (Manchester, United Kingdom)

12:15	**Navigator's welcome: Setting the course for COPD innovation** Dave Singh (Manchester, United Kingdom)	**3548**
12:20	**Mission briefing: Rejecting the status quo in COPD** Andrew Menzies-Gow (London, United Kingdom)	**3549**

12:25	**Planet COPD: Exploration of the high-risk COPD patient** Erika Penz (Saskatoon, Canada)	**3550**
12:35	**COPD nexus: IL-33 dual signalling pathways** George Washko (Boston, United States)	**3551**
12:50	**New frontiers: Targeting the IL-33 pathway** Dave Singh (Manchester, United Kingdom)	**3552**
13:10	**Final orbit** Dave Singh (Manchester, United Kingdom)	**3553**

3E Session 332 12:15 - 13:15

Industry Lunchtime Symposium: Clinical Insights into Advanced Biologic Therapy For Type 2 COPD

Organised by Sanofi Regeneron

Chairs : Celeste Michala Porsbjerg (Copenhagen, Denmark)

12:15	**Welcome -** Simon Couillard (Sherbrooke, Canada)	**3554**
12:20	**The Evolving Understanding of COPD: Personalizing Care by Understanding Patient Types** Simon Couillard (Sherbrooke, Canada)	**3555**
12:35	**Biomarkers in COPD: Integrating Eosinophils and Imaging for Patient Phenotyping** Celeste Michala Porsbjerg (Copenhagen, Denmark)	**3556**
12:50	**Biologics in COPD: Evidence From Clinical Trial Data** Surya Bhatt (Birmingham, United States)	**3557**
13:10	**Audience Q&A/Panel Discussion** Simon Couillard (Sherbrooke, Canada), Celeste Michala Porsbjerg (Copenhagen, Denmark), Surya Bhatt (Birmingham, United States)	**3558**

3F Session 333 12:15 - 13:15

Industry Lunchtime Symposium: Empowering pulmonary fibrosis care: overcoming hurdles for faster treatment

Organised by Boehringer Ingelheim International GmbH

Chairs : Michael Kreuter (Mainz, Germany), Claudia Valenzuela (Madrid, Spain)

12:15	**Welcome and introduction** Michael Kreuter (Mainz, Germany)	**3559**
12:20	**Why pulmonary fibrosis can’t wait: patient struggles and survival realities** Claudia Valenzuela (Madrid, Spain)	**3560**
12:35	**Breaking diagnostic barriers: from delays to timely detection** Phil Molyneaux (London, United Kingdom)	**3561**
12:50	**Optimizing Care for pulmonary fibrosis -Innovations for Enhanced Survival and Hope** Michael Kreuter (Mainz, Germany)	**3562**
13:05	**Closing panel discussion - unified call to action** Michael Kreuter (Mainz, Germany), Claudia Valenzuela (Madrid, Spain)	**3563**

3G Session 379 12:45 - 13:45

Industry Lunchtime Symposium: Optimize or Escalate? Re-establishing Dual Bronchodilation as the Core Strategy in COPD

Organised by Menarini Group

Chairs : Jose Luis Lopez-Campos (Sevilla, Spain)

12:45	**Current Guideline Perspectives on COPD Management: The Role of Bronchodilation** Jose Luis Lopez-Campos (Sevilla, Spain)	**4384**

12:55	**Inhaler Devices and Patient Outcomes: Moving Beyond Molecule Selection** Federico Lavorini (Firenze (FI), Italy)	**4385**
13:15	**Patient Phenotyping in COPD: Linking Functional Burden with Personalized Disease Management** Arschang Valipour (Wien, Austria)	**4386**
13:35	**Conclusions** Jose Luis Lopez-Campos (Sevilla, Spain)	**4387**

3H Session 380 12:45 - 13:45

Industry Lunchtime Symposium: Navigating the Complexities of NTM Lung Disease: Advancing Precision Care in NTM Lung Disease: From Timely Diagnosis to Evidence-Based Therapeutic Strategies

Organised by Insmed

Chairs : David Griffith (Roswell, GA, United States)

12:45	**The Mandate for Individualized Care in NTM Lung Disease: Recognizing Risk, Disease Burden, and the Urgency of Early Intervention** Francesco Blasi (Milan, Italy)	**4388**
13:00	**Diagnostic Precision and Initial Therapeutic Decisiveness: Reducing Diagnostic Delays: Driving Timely Multi-Drug Therapy (MDT) Initiation and Microbiological Monitoring** Stefano Aliberti (Milano (MI), Italy)	**4389**
13:20	**Optimizing Outcomes and Quality of Life in NTM Lung Disease: Evolving Treatment Paradigms: Integrating Emerging Clinical Data, Patient-Reported Outcomes (PROs), and Adverse Event Management** Michael Loebinger (London, United Kingdom)	**4390**
13:40	**Question and Answer Session** All speakers	**4391**

3I Session 381 12:45 - 13:45

Industry Lunchtime Symposium: One Airway, Three Diseases, Zero Time to Wait

Organised by Sanofi

Chairs : Guy Brusselle (Ghent, Belgium)

12:45	**Opening Remarks** Guy Brusselle (Ghent, Belgium)	**4392**
12:50	**One Airway, Many Faces** Anju Peters (Chicago, United States)	**4393**
13:00	**Unmet Needs and Evolving Treatment Goals Across the Airway** Guy Brusselle (Ghent, Belgium)	**4394**
13:15	**Panel Discussion: Clinical Perspectives** Guy Brusselle (Ghent, Belgium), Nayia Petousi (Oxford (Oxfordshire), United Kingdom), Anju Peters (Chicago, United States)	**4395**
13:25	**The Road Ahead** Nayia Petousi (Oxford (Oxfordshire), United Kingdom)	**4396**
13:40	**Audience Q&A** Guy Brusselle (Ghent, Belgium)	**4397**

3J Session 382 12:45 - 13:45

Industry Lunchtime Symposium: Precision protection for adults: A new era in pneumococcal disease prevention

Organised by MSD

Chairs : Javier Díez Domingo (Valencia, Spain)

12:45	**Welcome and Introduction** Javier Díez Domingo (Valencia, Spain)	**4398**
12:50	**Burden and complications of pneumococcal disease in adults** Rosario Menendez Villanueva (Valencia, Spain)	**4399**
13:05	**Advancements in pneumococcal disease prevention in adults: What's new?** Filipe Froes (Lisboa, Portugal)	**4400**
13:20	**Vaccination for patients with respiratory diseases; focus on pneumococcal prevention** Frits M.E. Franssen (Maastricht, Netherlands)	**4401**
13:30	**Q&A** All speakers	**4402**
13:40	**Closing remarks: Adult Immunization Board in improving adult vaccination** Javier Díez Domingo (Valencia, Spain)	**4403**

3K Session 383 12:45 - 13:45

Industry Lunchtime Symposium: RSV and disease destabilisation: answering the questions that matter for COPD management and the ▼adjuvanted RSV vaccine

Organised by GSK

Chairs : Claus Vogelmeier (Uelzen, Germany)

12:45	**The questions that matter: preventing RSV in our clinics** Claus Vogelmeier (Uelzen, Germany)	**4404**
12:50	**Why should a pulmonologist care about preventing RSV?** Alvar Agusti Garcia-Navarro (Barcelona, Spain)	**4405**
13:05	**What does the evidence tell us about the impact of the adjuvanted RSV vaccine?** Jørgen Vestbo (Vanløse, Denmark)	**4406**
13:20	**How can we optimise RSV vaccination in practice?** Patricia Sobradillo Ecenarro (Bilbao (Bizkaia), Spain)	**4407**
13:35	**Your RSV questions answered** Claus Vogelmeier (Uelzen, Germany)	**4408**

3A Session 392 14:00 - 14:45

Industry Skills Lab Workshop: Auto-Adjusted NIV for Long-Term Management of Obesity Hypoventilation Syndrome

Organised by Philips

Chairs : Carla Ribeiro (Vila Nova de Gaia, Portugal)

14:00	**The Pickwick auto-adjusted NIV trial -- Results and Insights** Juan Fernando Masa Jiménez (Cáceres, Spain)	**4446**
14:20	**Auto-adjusted NIV therapy in Clinical Practice** Philip Choi (Brooklyn, United States)	**4447**
14:40	**Q&A Session** All speakers	**4448**

3M Session 393 14:00 - 14:45

Industry Skills Lab Workshop: Beyond Normal and Abnormal: Mastering Pulmonary Function Test Interpretation

Organised by JAEGER Medical GmbH

Chairs : Herman Groepenhoff (Lijnden, Netherlands)

14:00	Sanja Stanojevic (Halifax (NS), Canada)	**4449**

3A Session 416 15:45 - 16:45

Industry Skills Lab Workshop: Airway mucus in muco-obstructive lung diseases. Real-world data on Simeox airway clearance technology

Organised by Inogen Europe B.V

Chairs : Laurent MORIN (Montpellier, France)

15:45	**The association between airway mucus and COPD prognosis. Findings from large cohorts.** João Carlos Winck (Vila Nova de Gaia, Portugal)	**4604**
16:03	**Real-World evidence of Simeox airway clearance device in Muco-Obstructive Lung Diseases: Results of the German Prospective Multicenter IMPROVE Study** Pontus Mertsch (Munich, Germany)	**4605**
16:21	**Panel discussion** All speakers	**4606**
16:30	**Skill-lab workshop on Simeox therapy** All speakers	**4607**

3M Session 417 15:45 - 16:45

Industry Skills Lab Workshop: Humidified High Flow and Chronic Respiratory Disease – part 1

Organised by Fisher & Paykel Healthcare

Chairs : Tony De Soyza (Newcastle-upon-Tyne, United Kingdom), Jens Bräunlich (Leipzig, Germany)

15:45	**The Hidden physiology of Treating (chronic) Hypercapnia** Stefano Nava (Bologna (BO), Italy)	**4608**
16:03	**Efficacy and Safety of Nocturnal Heated Humidified High Flow Therapy in Bronchiectasis Patient: The AIRVO-BX study** Stefano Aliberti (Milano (MI), Italy)	**4609**
16:21	**Mucus Plugs in Bronchiectasis: a target for HFT** Claudia Crimi (Catania (CT), Italy)	**4610**

3E Session 418 17:30 - 19:00

Industry evening symposium: Disarming the Neutrophil: Bronchiectasis Management in the Era of Potential Disease Modification

Organised by Insmed

Chairs : Eva Polverino (Barcelona, Spain)

17:30	**Introduction to bronchiectasis and unmet needs for patients** Eva Polverino (Barcelona, Spain)	**4611**
17:40	**Reframing the vicious vortex: the science of disarming neutrophils** Merete Bridget Long (Dundee, United Kingdom)	**4612**
17:55	**Key clinical data on emerging therapies targeting disease modification in bronchiectasis** Anne O'Donnell (Washington, United States), Stefano Aliberti (Milano (MI), Italy)	**4613**
18:12	**Redefining treatment goals in bronchiectasis management** Eva Polverino (Barcelona, Spain)	**4614**
18:20	**Integrating novel therapies into clinical practice: a case-based discussion** Anne O'Donnell (Washington, United States), Stefano Aliberti (Milano (MI), Italy)	**4615**
18:45	**Conclusion and Q&A** Eva Polverino (Barcelona, Spain)	**4616**

3G Session 419 17:30 - 19:00

Industry evening symposium: From Symptoms to Care in Resource-Limited Settings: Mapping the Patient Journey of Chronic Respiratory Diseases — supported by the Paolo Chiesi Foundation

Organised by Chiesi

Chairs : Mario Scuri (Milano, Italy)

17:30	**The Neglected Burden of CRDs: Why the Patient Journey Matters** Mario Scuri (Milano, Italy)	**4617**
17:35	**Strengthening CRD Care in Low-Resource Settings: The Role of the Paolo Chiesi Foundation** Maria Paola Chiesi (Parma (PR), Italy)	**4618**
17:45	**Mapping the Gaps: A Patient Journey Approach to CRDs** Mario Scuri (Milano, Italy)	**4619**
18:00	**From Scientific Knowledge to Impact in CRD Care** David De La Rosa Carrillo (Badalona (Barcelona), Spain)	**4620**
18:10	**The Reality of Care: Lessons from the Field in Peru** Miguel Ángel Sánchez de Toro (Torremolinos, Spain)	**4621**
18:20	**Global Evidence on CRD Patient Experience and Access to Care** Refiloe Masekela (Durban, South Africa)	**4622**
18:35	**From Political Recognition to Implementation: Turning Commitments into Country Action** José Castro (Geneva, Switzerland)	**4623**
18:50	**Closing Discussion: Key Reflections and Next Steps** Mario Scuri (Milano, Italy)	**4624**

3H Session 420 17:30 - 19:00

Industry evening symposium: From barrier repair to better outcomes: epithelial health towards achieving remission

Organised by AstraZeneca

Chairs : Delbert Dorscheid (Vancouver (BC), Canada), Giorgia Carlotta Pipolo (Milan, Italy)

17:30	**Welcome and introduction** Delbert Dorscheid (Vancouver (BC), Canada)	**4625**
17:35	**United airway disease: why epithelial health is the common thread** Delbert Dorscheid (Vancouver (BC), Canada)	**4626**
17:48	**Immune hyperactivity: epithelial signalling as an amplifier of inflammation** Lena Uller (Lund, Sweden)	**4627**
18:01	**Mucus homeostasis: restoring airway defence and function** Helena Aegerter (Gent, Belgium)	**4628**
18:14	**From biology to the clinic: epithelial health in patients** Asger Sverrild (Valby, Denmark)	**4629**
18:27	**From epithelial dysfunction to remission** Giorgia Carlotta Pipolo (Milan, Italy)	**4630**
18:40	**Panel discussion: epithelial health and its impact on clinical outcomes** All speakers	**4631**
18:55	**Summary and close** Delbert Dorscheid (Vancouver (BC), Canada)	**4632**

3J Session 422 17:30 - 19:00

Industry evening symposium: More than Exacerbations: Rethinking What Else Matters in COPD Management

Organised by Sanofi Regeneron

Chairs : Klaus F. Rabe (Kiel, Germany)

17:30	**Welcome and Overview** Klaus F. Rabe (Kiel, Germany)	**4637**
17:35	**Setting the Stage: Targeting Exacerbations in COPD** Maarten van den Berge (Groningen, Netherlands)	**4638**

17:45	**The bigger Picture: Is reducing COPD Exacerbation Rate enough?** All speakers	**4639**
18:15	**The Case for Early Intervention** Klaus F. Rabe (Kiel, Germany)	**4640**
18:35	**Q&A** All speakers	**4641**

3K Session 423 17:30 - 18:30

Industry evening symposium: One moderate COPD exacerbation, now is the time to step up from dual to a SITT

Organised by GSK

Chairs : Dave Singh (Manchester, United Kingdom)

17:30	**Welcome and introduction** Dave Singh (Manchester, United Kingdom)	**4642**
17:40	**It's TIME to change the trajectory for your COPD patients – Latest recommendations and disease stability evidence** Dave Singh (Manchester, United Kingdom)	**4643**
17:55	**It's TIME to choose – How evolving comparative effectiveness evidence can inform your SITT choice** Jadwiga A Wedzicha (London, United Kingdom)	**4644**
18:20	**Q&A and close** Dave Singh (Manchester, United Kingdom)	**4645**

3A Session 424 17:30 - 19:00

Industry evening mini symposium: From Bench to Bedside: Linking Hypoxic Burden, Phenotyping and Outcomes Beyond AHI to Device Behavior

Organised by Yuwell

Chairs : Yann Rétory (Bagneux, France)

17:30	**Beyond the AHI: Hypoxic Burden, Phenotypes and Cardiovascular Outcomes** Wojciech Kuczyński (Lodz, Poland)	**4646**
17:55	**From Physiology to Method: Physiological Bench Testing of PAP Devices** Roberto Martinez Alejos (Montpellier, France)	**4647**
18:20	**Live Clinical Simulation with 'Georges': Exploring Device Responses to Respiratory Events in Real Time** Emeline Fresnel (Rouen, France), Maxime Patout (Paris, France)	**4648**
18:50	**Panel Discussion: From Device Behaviour Back to Hypoxic Burden and Outcomes** Yann Rétory (Bagneux, France), All speakers	**4649**

3M Session 425 17:30 - 19:00

Industry evening mini symposium: Turning Evidence into Action: Tackling Clinical Challenges in Lung Disease

Organised by Grifols

Chairs : Alice M Turner (Birmingham, United Kingdom)

17:30	**Introduction** Alice M Turner (Birmingham, United Kingdom)	**4650**
17:35	**Early, Young COPD – Who Is at Risk?** Miriam Barrecheguren Fernandez (Barcelona, Spain)	**4651**
17:50	**Quantitative CT – relationship to clinical outcomes in COPD, NCFBE and AATD** Maeva Zysman (cabanac et villagrains, France)	**4652**

18:05	**Exacerbations – Understanding Triggers and Improving Outcomes** Alice M Turner (Birmingham, United Kingdom)	**4653**
18:20	**Disease Progression and Survival – Predictors and Interventions** Suzanne Margaret Roche (Dublin, Ireland)	**4654**
18:35	**Q&A** All speakers	**4655**
18:50	**ALTA Award Ceremony** Marion Trautmann (Frankfurt am Main, Germany)	**4656**
18:55	**Close** Alice M Turner (Birmingham, United Kingdom)	**4657**

3A Session 492 10:45 - 11:30

Industry Skills Lab Workshop: What can waveforms tell us about MI-E efficacy?

Organised by Air Liquide Medical Systems

Chairs : Tiina Andersen (Bergen, Norway)

	Interpreting waveforms in MI-E therapy: practical insights	
10:45	**Identifying suboptimal therapy through waveform analysis; the role of new indicators.** Manuel Lujan Torne (Sabadell (Barcelona), Spain)	**5627**
11:00	**Navigating clinical Cases with waveform analysis** **Shared clinical experiences and interactive case analysis.** Mathieu Delorme (Talence, France)	**5628**

3M Session 493 10:45 - 11:30

Industry Skills Lab Workshop: Humidified High Flow and Chronic Respiratory Disease – part 2

Organised by Fisher & Paykel Healthcare

Chairs : Winfried J. Randerath (Solingen, Germany), Nicolas Roche (Paris, France)

10:45	**Nonpharmacological Management of Patients with Tenacious Secretions** William Poncin (Bruxelles, Belgium)	**5629**
11:03	**How Long-term High Flow Nasal Therapy Impacts Mucociliary Clearance and Radiologic Progression in Bronchiectasis** Giuseppe Fiorentino (Napoli (NA), Italy)	**5630**
11:21	**The High Flow Trajectory** Ulla Møller Weinreich (Ålborg, Denmark)	**5631**

3B Session 501 12:15 - 13:15

Industry Lunchtime Symposium: Halt the COPD Spiral: How to Keep a Wide Spectrum of Patients out of Hospital?

Organised by GSK

Chairs : Kathrin Kahnert (Germering, Germany)

12:15	**Opening Remarks** Kathrin Kahnert (Germering, Germany)	**5696**
12:20	**Halt the COPD Spiral: The Importance of Keeping Patients Out of Hospital** Bernardino Alcazar Navarrete (Granada, Spain)	**5697**
12:30	**Time to Act: The Nucala Difference** Gerard J. Criner (Philadelphia, PA, United States)	**5698**
12:45	**The Future is Now: Time for More Ambitious Treatment Goals** Kathrin Kahnert (Germering, Germany)	**5699**
13:05	**Q&A** Kathrin Kahnert (Germering, Germany), Gerard J. Criner (Philadelphia, PA, United States), Bernardino Alcazar Navarrete (Granada, Spain)	**5700**
13:10	**Summary and Close** Kathrin Kahnert (Germering, Germany)	**5701**

3C Session 502 12:15 - 13:15

Industry Lunchtime Symposium: PHocus Phase 2 clinical trial of inhaled mosliciguat, a novel sGC activator, in participants with pulmonary hypertension associated with interstitial lung disease (PH-ILD)

Organised by Pulmovant

Chairs : Marc Humbert (Le Kremlin-Bicêtre, France)

12:15	**Welcome and introduction** Marc Humbert (Le Kremlin-Bicêtre, France)	**5702**
12:20	**Pulmonary Hypertension Associated with Interstitial Lung Disease: Current Perspectives and Unmet Needs** Laura Price (London, United Kingdom)	**5703**
12:30	**Mosliciguat in PH-ILD: Scientific Rationale, Mechanism of Action, and Insights From The Ph1b ATMOS Program** H. Ardeschir Ghofrani (Gießen, Germany)	**5704**
12:50	**PHocus: Advancing The Clinical Development Of Inhaled Mosliciguat in PH-ILD** Marc Humbert (Le Kremlin-Bicêtre, France)	**5705**
13:05	**Panel Discussion** All speakers	**5706**

3E Session 504 12:15 - 13:15

Industry Lunchtime Symposium: Distal Airways, Central Role? Clinical Insights into Type 2 Severe Asthma

Organised by Sanofi Regeneron

Chairs : Monica Kraft (New York, United States)

12:15	**Welcome and Introductions** Monica Kraft (New York, United States)	**5716**
12:20	**The FEV1 Illusion: Small Airways and Persistent Asthma Symptoms** Monica Kraft (New York, United States)	**5717**
12:30	**Why the Silent Zone Matters: Importance of Assessing Small Airways** Monica Kraft (New York, United States)	**5718**
12:40	**Clogged and Remodeled: Impact of Type 2 Inflammation in Small Airways Disease** Frederik Trinkmann (Heidelberg, Germany)	**5719**
12:50	**Precision Therapy Impact on the Periphery: Biologics and Small Airways in Asthma** Arnaud Bourdin (Montpellier, France)	**5720**
13:00	**Panel Discussion and Audience Q&A** Monica Kraft (New York, United States), Frederik Trinkmann (Heidelberg, Germany), Arnaud Bourdin (Montpellier, France)	**5721**

3F Session 505 12:15 - 13:15

Industry Lunchtime Symposium: Shaping the future of respiratory disease prevention: The value of RSV and COVID-19 vaccination

Organised by Pfizer

Chairs : Carlos Robalo Cordeiro (Coimbra, Portugal)

12:15	**Welcome and introduction** Carlos Robalo Cordeiro (Coimbra, Portugal)	**5722**
12:17	**More than acute diseases: The broader consequences of adult respiratory vaccines** Eva Polverino (Barcelona, Spain)	**5723**
12:27	**A new era in RSV prevention: Helping protect against the real-world consequences of RSV** Carlos Robalo Cordeiro (Coimbra, Portugal)	**5724**
12:47	**The real-world value of COVID-19 vaccination in respiratory care: Expert perspectives** Paul Loubet (Nîmes, France)	**5725**
13:07	**Summary and Q&A** All speakers	**5726**

3G Session 550 12:45 - 13:45

Industry Lunchtime Symposium: Evolving Pathway in COPD: PDE3 and PDE4 inhibition

Organised by MSD

Chairs : Bartolome R. Celli Croquer (Boston, United States)

12:45	**Opening and Introduction** Bartolome R. Celli Croquer (Boston, United States)	**6535**
12:50	**Burden of disease in patients receiving standard of care treatment for their COPD.** Bartolome R. Celli Croquer (Boston, United States)	**6536**
13:05	**Phosphodiesterases in COPD as a cause and/or as a target for therapeutic intervention.** Dave Singh (Manchester, United Kingdom)	**6537**
13:20	**Phase 3 study results for ensifentrine (ENHANCE clinical trials).** Frank Sciurba (Pittsburgh, United States)	**6538**
13:35	**Q&A Session** Bartolome R. Celli Croquer (Boston, United States)	**6539**

3H Session 551 12:45 - 13:45

Industry Lunchtime Symposium: Can Insights from Neurology's Experience with Ultra-Long-Acting Therapies Help Improve Outcomes in Respiratory Care? Learnings from Multiple Sclerosis

Organised by GSK

12:45	**Welcome and introductions** Iñigo Ojanguren Arranz (SANT CUGAT DEL VALLÉS, Spain)	**6540**
12:50	**Can we do more to achieve sustained suppression of type 2 inflammation in respiratory diseases?** Iñigo Ojanguren Arranz (SANT CUGAT DEL VALLÉS, Spain)	**6541**
13:05	**What can MS teach about durable disease control** Wallace Brownlee (London, United Kingdom)	**6542**
13:30	**Q&A, summary, and close** Iñigo Ojanguren Arranz (SANT CUGAT DEL VALLÉS, Spain)	**6544**

3I Session 552 12:45 - 13:45

Industry Lunchtime Symposium: Action on Air Pollution: Overcoming Implementation Challenges to Protect Health

Organised by Haleon

Chairs : Christopher Carlsten (Vancouver (BC), Canada)

12:45	**Health Resiliency to Air Pollution: Framing the Conversation** Christopher Carlsten (Vancouver (BC), Canada)	**6545**
12:55	**Real-World Barriers and Opportunities for Intervention** Gary Wong (Shatin, Hong Kong)	**6546**
13:05	**Building Resilience to Air Pollution in Patient Care: From Evidence to Action** Sundeep Santosh Salvi (Pune (Maharashtra), India)	**6547**
13:15	**Delivering Advice Across Real-World Scenarios: Behaviour Change and Interventions** Kian Fan Chung (London, United Kingdom)	**6548**
13:30	**Discussion and Q&A** Christopher Carlsten (Vancouver (BC), Canada)	**6549**

3J Session 553 12:45 - 13:45

Industry Lunchtime Symposium: A Call to Action at the Intersection of Respiratory Medicine and Hepatology: A Targeted Approach to Alpha-1 Antitrypsin Deficiency

Organised by Takeda Development Center Americas, Inc.

Chairs : Alice M Turner (Birmingham, United Kingdom)

12:45	**Welcome and Introduction** Alice M Turner (Birmingham, United Kingdom)	**6550**
12:50	**Focus on AATD-Associated Lung Disease** Alice M Turner (Birmingham, United Kingdom)	**6551**
13:05	**Focus on AATD-Associated Liver Disease** Virginia Clark (Gainesville, FL, United States)	**6552**
13:20	**Current and Emerging Treatment Approaches for AATD** Pavel Strnad (Cottbus, Germany)	**6553**
13:35	**Q&A** All speakers	**6554**

3K Session 554 12:45 - 13:45

Industry Lunchtime Symposium: New Evidence in IPF: Final Results from the TETON Phase 3 Clinical Program

Organised by Ferrer

Chairs : Maria Molina (Badalona, Spain), Marlies S. Wijsenbeek (Rotterdam, Netherlands)

12:45	**The Evolving Field of IPF** Maria Molina (Badalona, Spain), Marlies S. Wijsenbeek (Rotterdam, Netherlands)	**6555**
12:50	**Antifibrotic Actions of Treprostinil** Marc Peters-Golden (Ann Arbor, United States)	**6556**
13:05	**Unpacking the TETON Evidence** Vincent Cottin (Lyon, France)	**6557**
13:25	**Panel Discussion & Q&A** All speakers	**6558**
13:40	**Closing** Maria Molina (Badalona, Spain)	**6559**

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