



The 4th Congress of

INSPIRED

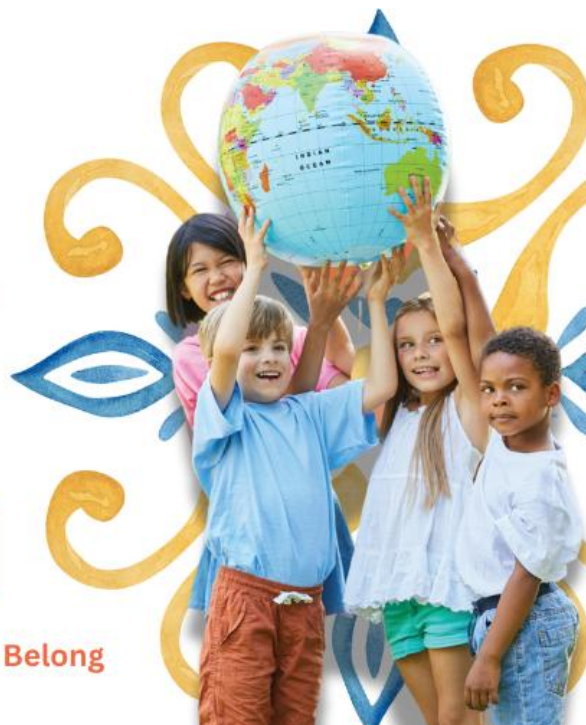
**International Society of Pediatric
Respiratory Diseases**

The Only Global Congress Focused on Pediatric Respiratory Diseases.

25-28 June 2026 | Bologna, Italy

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INSPIRED, My Place to Belong



PRELIMINARY PROGRAMME

THURSDAY 25th JUNE 2026

PRE-CONGRESS COURSES

(Separate registration and payment are required)

Imaging of the Pediatric Chest

Setting up and Extending a Pediatric Sleep-Disordered Breathing Program in 2026

POCUS for the Pediatric Pulmonologist

Pediatric Lung Function: A Case-Based Approach from Clinical Question to Clinical Significance

Iberoamerican Meeting (Course in Spanish)

The Academic Toolkit: How to Write and Present *

Annual Meeting of the Post-Infectious Bronchiolitis Obliterans (PIBO) Consortium: Advances in Understanding and Collaboration *

Basic Hands-On Bronchoscopy Course

*The workshop is open free of charge to registered congress participants but requires prior registration.

Imaging of the Pediatric Chest	
Chair: Robert Paul Guillerman (USA)	
08:30 – 08:40	Welcome and Course Introduction - Robert Paul Guillerman (USA)
08:40 – 09:10	Pediatric Chest X-Ray Interpretation: The Basics - Robert Paul Guillerman (USA)
09:10 – 09:40	How to See What You Want to See with Chest CT – Savvas Andronikou (USA)
09:40 – 10:10	Chest CT Interpretation: When What You Know Isn't Always So – Andrew Schapiro (USA)
10:10 – 10:30	Coffee Break/Discussion
10:30 – 11:00	Fetal and Neonatal Chest Imaging – Christopher Cassady (New Zealand)
11:00 – 11:30	Little Lungs, Big Insights: Radiologist-Pulmonologist Collaboration to Transform Pediatric Health – Savvas Andronikou (USA)
11:30 – 12:00	Airway Imaging – David Biko (USA)
12:00 – 13:00	Lunch Break
13:00 – 13:45	Imaging of Congenital Lung Malformations – Pierluigi Ciet (the Netherlands)
13:45 – 14:15	Lung MRI: The Future is Now – Jason Woods (USA)
14:15 – 14:45	Going Nuclear: Thoracic Scintigraphy, PET-CT and PET-MRI – Helen Nadel (USA)
14:45 – 15:15	Real Applications of Artificial Intelligence – Bruno Hochegger (USA)
15:15 – 15:45	Advances in Thoracic Interventional Radiology – Seth Vatsky (USA)

Setting up and Extending a Pediatric Sleep-Disordered Breathing Program in 2026	
Cochairs: Gustavo Nino (USA), Martino Pavone (Italy), Jean-Paul Praud (Canada), Aroonwan Preutthipan (Thailand), Joel Reiter (Israel)	
Morning Session	
08:15 – 08:45	The Scope and Mechanisms of Pediatric Sleep-Disordered Breathing - Jean-Paul Praud (Canada)
08:45 – 09:15	In-Lab Pediatric Polysomnography - Reshma Amin (Canada)
09:15 – 09:45	Other Diagnostic Tools to Complement or Replace Polysomnography – Martino Pavone (Italy)
09:45 – 10:30	New Home Sleep Study Devices and Artificial Intelligence: Ready for Clinical Use or Still on the Horizon? – Gustavo Nino (USA)
10:30 – 11:00	Coffee Break
11:00 – 11:30	Treatment Options Beyond Adenotonsillectomy – Joel Reiter (USA)
11:30 – 12:15	Panel Discussion (All Speakers) Moderator: Aroonwan Preutthipan (Thailand) <i>“Questions and Challenges in Setting up Pediatric Sleep-Disordered Breathing Program”</i>
12:15 – 13:00	Lunch Break and Visit of the Device Display
Afternoon Session	
13:00 – 14:00	Interactive Clinical Cases – Gustavo Nino (USA) & Alessandro Amaddeo (Italy)
14:00 – 14:45	Meet the Devices - Martino Pavone (Italy)
14:45 – 15:15	Beyond Obstructive Sleep-Disordered Breathing – Sleep Disorders Pediatric Pulmonologists Should Recognize – Joel Reiter (Israel)
15:15 – 15:30	Wrap-Up & Take-Home Messages Building and Strengthening Pediatric Sleep-Disordered Breathing Programs: Key Steps Forward

POCUS for the Pediatric Pulmonologist	
Co-Chairs: Sigmund Kharasch (USA) & Niccolo Parri (Italy)	
08:30 – 09:00	Welcome and Introductions – Sigmund Kharasch (USA) & Niccolo Parri (Italy)
09:00 – 09:45	Lung Ultrasound Lecture – Niccolo Parri (Italy)
09:45 – 10:30	Hands on Lung Ultrasound Training – All speakers & Luca Pierantoni (Italy) & Fiorentina Guida (Italy)
10:30 – 11:15	Diaphragmatic Ultrasound Lecture - Sigmund Kharasch (USA)
11:15 – 12:00	Hands on Diaphragm Ultrasound Training – All speakers & Luca Pierantoni (Italy) & Fiorentina Guida (Italy)
12:00 – 13:00	Lunch Break
13:00 – 13:45	Mastering Pediatric Lung Ultrasound: Clinical Cases and Practical Pearls – Agnieszka Strzelak (Poland)
13:45 – 14:30	Lung Ultrasound in Chronic Pediatric Disease – Ioana Ciuca (Romania)
14:30 – 15:00	Wrap up and Discussion

Pediatric Lung Function: A Case-Based Approach from Clinical Question to Clinical Significance	
Chair: Robert S. Tepper (USA)	
Course Rationale & Statement of Need	
<p>Pediatric pulmonary function testing provides a sophisticated array of diagnostic tools for children, from preschool age through adolescence. However, in clinical practice, the emphasis should not be on the novelty of a test but on its ability to answer a specific clinical question and guide patient management. Too often, lung function tests are ordered as a standard battery, leading to data overload without clear clinical relevance. This approach can result in unnecessary testing, increased costs, and potential misinterpretation of results.</p> <p>This course bridges that gap by reversing the traditional paradigm. Rather than starting with a menu of available tests, we will begin with the patient. Using a case-based format—focused on preschoolers, school-aged children, and adolescents—we will demonstrate how to refine a precise clinical question for both common and complex respiratory diseases. To ensure a strong foundation, we will first briefly review the physiological principles of pulmonary function assessment. This question-driven approach ensures that the selected test is the most appropriate one, delivering clinically meaningful insights that directly influence diagnosis, monitoring, and treatment decisions. The focus remains on real-world application and the practical significance of the results.</p>	
Learning Objectives	
<p>Upon completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> • Formulate precise clinical questions to guide the selection of pulmonary function tests in preschoolers, children, and adolescents. • Select the most appropriate lung function tests to assess pathophysiology in asthma, cystic fibrosis, BPD, and PCD. • Interpret lung function results within the context of the individual patient's clinical presentation and disease, using the best reference values available. • Integrate lung function data with other clinical information to make informed decisions about diagnosis and management. • Recognize the strengths and limitations of different lung function tests in various pediatric age groups, from preschool to adolescence. 	

08:30 – 08:45	Welcome and Introduction - Robert S. Tepper (USA) The “Question-First” Paradigm – Setting the Stage: Why the clinical question is paramount in pediatric lung function testing
08:45 – 09:15	Session 1: Fundamentals of Pulmonary Function Testing: Key Physiological Concepts Robert S. Tepper (USA)
09:15 – 10:00	Session 2: Asthma - Enrico Lombardi (Italy) Case 1: The wheezing preschooler - is it asthma? Case 2: The teenager with poor symptom perception - how do we monitor control? Clinical Question: Is there evidence of reversible airway obstruction? What is the degree of baseline airway obstruction and hyperinflation? Key Tests to Discuss: Spirometry and Oscillometry (pre/post BD), Plethysmography/ Airway Resistance/ Residual Volume)
10:00 – 10:45	Session 3: CF & PCD – Nicole Beydon (France) Case 3: Quantifying early airway disease in a preschooler with CF. Case 4: Assessing airway clearance efficacy and/or disease progression in a child with PCD. Clinical Question: Is there ventilation inhomogeneity suggesting early small airway disease? Key Tests to Discuss: Nasal NO, Lung Clearance, Index (LCI), Spirometry, choice of reference value
10:45 – 11:00	Coffee Break
11:00 – 11:45	Session 4: The Consequences of Prematurity – Marcus Jones (Brazil) Case 5: A 13-year-old former preterm infant with BPD presents with exercise intolerance. What is the underlying physiology? Clinical Question: Is the limitation due to airway obstruction, reduced lung volumes, or a gas exchange abnormality? Key Tests to Discuss: Spirometry, Plethysmography, bronchodilator response, DLCO
11:45 – 12:15	Panel Discussion & Interactive Q&A
12:15 – 13:15	Practical Experience with Spirometer and Oscillometry Equipment
13:15 – 14:00	Lunch Break
14:00 – 15:30	Hands-on-workshop: Inhaled Therapy in Children In and Out of Hospital – Hettie Janssens (the Netherlands) Aims of the workshop: <ul style="list-style-type: none"> • Get to know fundamentals of aerosol deposition of inhaled therapies in children • Practice hands-on with inhalation devices, selection, and correct use • Know how to achieve safe and effective inhaled therapy at home and in hospital • Get to know the principles and best practices of inhaled therapy during ventilatory support.

Iberoamerican Meeting (Course in Spanish)

Chairs: Malena Cohen – Cymberknoh (Israel), Renato Stein (Brasil), Manuel E. Soto Martínez (Costa Rica)

08:30 – 08:40	Welcome (Bienvenida) – Manuel E. Soto-Martínez (Costa Rica) & Malena Cohen– Cymberknoh (Israel)
08:40 – 08:55	Reinventing RSV Prevention: A New Chapter in Pediatric Pulmonology (<i>Reinventando la Prevención del RSV: Un Nuevo Capítulo en Neumología Pediátrica</i>) Renato Stein (Brasil)
08:55 – 09:10	New Approaches to the Diagnosis and Assessment of Severe Asthma in Children and Adolescents

	<i>(Nuevos enfoques en el diagnóstico y manejo del asma en niños y adolescentes)</i> Erick Forno (USA)
09:10 – 09:25	Severe Asthma in Children: From Phenotype to Endotype and its Therapeutic Impact <i>(Asma grave en niños: del fenotipo al endotipo y su impacto terapéutico)</i> Álvaro Teijeiro (Argentina)
09:25 – 09:40	Approach to the Child with Recurrent Wheezing <i>(Abordaje del paciente con sibilancias recurrentes)</i> Natalia Rivera (Chile)
09:40 – 09:55	Tuberculosis in Latin America: Changes in Prevalence, Diagnostic Challenges, and New Management Guidelines <i>(Tuberculosis en Latinoamérica: cambios en la prevalencia, desafíos diagnósticos y nuevas guías de manejo)</i> Marcelo Scotta (Brasil)
09:55 – 10:05	Q&A
10:05 – 10:35	Coffee Break
10:35 – 10:50	Extrapulmonary Manifestations in the Era of CFTR Modulators <i>(Manifestaciones extrapulmonares en la era de los moduladores del CFTR)</i> Malena Cohen-Cyberknoh (Israel)
10:50 – 11:05	Current Concepts on Primary Ciliary Dyskinesia and the Spectrum of Ciliopathies <i>(Conceptos actuales sobre la disquinesia ciliar primaria y el espectro de ciliopatías)</i> Carlos Milla (USA)
11:05 – 11:20	Diagnostic and Therapeutic Approach to Pediatric Interstitial Lung Diseases <i>(Abordaje diagnóstico y terapéutico de las enfermedades intersticiales pediátricas)</i> Antonio Moreno-Galdó (Spain)
11:20 – 11:35	OSA and Obesity - the Impact of GLP-1 Agonists Jeremy Landeo-Gutierrez (USA)
11:35 – 11:45	Q&A
11:45 – 12:00	Functional Respiratory Disorders, Habitual Cough and Beyond <i>(Trastornos Funcionales Respiratorios, Tos Habitual and más allá)</i> Dario Prais (Israel)
12:00 – 12:15	Respiratory Care in the Extremely Preterm Infant: Preventing Chronic Lung Disease <i>(Cuidados respiratorios en el prematuro extremo: prevención del daño pulmonar crónico)</i> Ranniery Acuña (Colombia)
12:15 – 12:30	Management of Acute Asthma (Asthmatic Exacerbation) in the ED (Manejo del Asma Aguda en el Servicio de Emergencias) Jose Antonio Castro Rodríguez (Chile)
12:30 – 12:40	Q&A
12:40 - 12:45	Closure

The Academic Toolkit: How to Write and Present

Course Leads: Andrew Bush (UK) & Eitan Kerem (Israel)

Faculty: Thomas Ferkol (USA), Susanna McColley (USA), Peter Le Souef (Australia), Felix Ratjen (Canada), Quique Bassat (Spain), Heather Zar (South Africa), Shaakira Chaya (South Africa), Guy Hazan (Israel)

08:30 – 15:30 **Theme:** *Essential Academic Skills for the Next Generation*
Format: Short focused lectures + interactive exercises

Course Objectives

By the end of the course, participants will:

Acquire core academic skills essential for launching an independent career in research and education.

Learn how to prepare key academic materials, including a professional CV, abstracts, posters, and presentations.

Understand the structure and strategy behind writing a scientific paper.

Develop effective communication skills for presenting research at congresses and journal clubs.	
08:30 – 08:45	Welcome and Introduction – Eitan Kerem (Israel), Guy Hazan (Israel) <ul style="list-style-type: none"> Course goals, structure, and introductions
08:45 – 09:05	From Paragonimiasis to a PhD: My Academic Journey - Iso Oloyede (Nigeria) <ul style="list-style-type: none"> One woman’s story of her academic journey to show what is possible
09:05 – 09:35	Building Your Academic Profile: How to Write a CV - Andrew Bush (UK) <ul style="list-style-type: none"> Key elements, tailoring for academia, grants, and awards Exercise: Quick peer review of CV summaries
09:35 – 10:05	How to Design and Present a Poster for a Congress - Shaakira Chaya (South Africa) <ul style="list-style-type: none"> Writing the abstract Layout, visuals, and communicating results at a glance Exercise: Review of example posters
10:05 – 10:30	How to Present at a Journal club, including critical appraisal of papers - Susanna McColley (USA) <ul style="list-style-type: none"> Key elements, how to review a manuscript Exercise: Journal club, participants to present papers
10:30 – 11:00	Coffee Break
11:00 – 11:30	How to Deliver an Oral Presentation at a Congress - Felix Ratjen (Canada) <ul style="list-style-type: none"> Tips on structure, slides, timing, and confidence Exercise: Short volunteer presentations with feedback
11:30 – 12:00	How to Write a Scientific Paper - Peter Le Souef (Australia) <ul style="list-style-type: none"> From data to story: structure, clarity, and responding to reviewers
12:00 – 13:00	Hands-On Skills Workshop: Practice & Feedback Session Moderator: Quique Bassat (Spain)
13:00 – 13:30	Lunch Break
13:30 – 14:30	Integrating Skills for Career Growth <i>Panel:</i> All speakers <ul style="list-style-type: none"> Q&A and discussion: applying these skills in academic life
14:30 – 15:15	Choosing a Mentor and Making It Work - Thomas Ferkol (USA) <ul style="list-style-type: none"> Identifying mentors, setting expectations, getting the most out of mentorship Presentation of the NEXTGEN one-on-one mentorship program
15:15 – 15:30	Wrap-Up and Next Steps <ul style="list-style-type: none"> Feedback, mentorship pairing, and closing remarks

Annual Meeting of the Post-Infectious Bronchiolitis Obliterans (PIBO) Consortium: Advances in Understanding and Collaboration

Course Lead: Alejandro Teper (Argentina) & Eitan Kerem (Israel)

Background:

The Post-Infectious Bronchiolitis Obliterans (PIBO) Consortium is conducting an ongoing international collaborative study to better understand why most children fully recover after an early adenovirus infection, while a minority develop severe, chronic respiratory impairment with lifelong symptoms. The core objective is to elucidate the mechanisms behind this clinical divergence, identifying risk factors, disease pathways, and opportunities for improved diagnosis and management.

Workshop Objectives:	
<ul style="list-style-type: none"> • Present the latest findings on PIBO, including disease mechanisms, study design, patient recruitment, and phenotype definitions. • Discuss data interpretation and ongoing challenges in multicenter studies. • Foster collaboration and exchange among young researchers and clinicians to accelerate future PIBO research and initiatives. 	
08:30 – 09:00	Registration
09:00 – 09:20	Opening Remarks – Eitan Kerem (Israel)
09:20 – 09:40	Overview of Adenovirus Infections and Pathophysiology of PIBO – TBA <ul style="list-style-type: none"> • Adenovirus structure, types, Mechanisms of airway injury and immune response. Fibrosis and obliteration; long-term sequelae. Genetic basis.
09:40 – 10:00	Diagnostic Criteria of PIBO – Alejandro Teper (Argentina) <ul style="list-style-type: none"> • Current diagnostic tools, challenges in early detection including risk factors. Pulmonary function in preschool and school-aged children.
10:00 - 10:20	Sputum Transcriptome in PIBO – Ralf Schubert (Germany) <ul style="list-style-type: none"> • Transcriptome analysis of induced sputum aims to identify specific gene expression signatures to gain deeper insights into the molecular mechanisms underlying the failure of resolution of persistent inflammation.
10:20 – 10:40	Coffee Break
10:40 – 11:00	PIBO CT scan Score – Daan Caudri (the Netherlands) <ul style="list-style-type: none"> • The development of a PIBO-specific CT scoring system is essential to standardize the quantification of mosaic attenuation, bronchiectasis, and air trapping, reducing inter-observer variability in radiological interpretation and track structural lung damage over time, facilitating more precise monitoring of patient response to therapeutic interventions.
11:00 – 11:20	PIBO Research Protocol - Felix Ratjen (Canada) <ul style="list-style-type: none"> • Presentation and discussion of the research protocol
11:20 – 11:40	Preliminary Analysis of the Included PIBO Patients from Israel and Argentina - Elad Ben Meir (Israel) <ul style="list-style-type: none"> • Preliminary results will be reported for a substantial cohort of patients with PIBO from Argentina and Israel enrolled in the study.
11:40 – 12:00	Preliminary Results of the Genetic Findings - Lisa Strug (Canada) <ul style="list-style-type: none"> • Results from rare variant analysis will be presented.
12:00 – 13:00	Lunch Break
13:00 – 13:15	PIBO in France - TBA
13:15 – 13:30	PIBO in Turkey - Tuğba Şismanlar Eyuboglu (Turkey)
13:30 – 13:45	PIBO in USA – Matthew McGraw (USA)
13:45 – 14:00	PIBO in India - TBA
14:00 – 14:15	PIBO in Brazil - TBA
14:15 – 14:30	Large Group Summary Discussion
14:30 – 15:00	Panel Discussion: Research Gaps and Future Directions – All speakers

Basic Hands-On Bronchoscopy Course

Course Leads: Fabio Midulla (Italy) & Ernst Eber (Austria)

Faculty: Fabio Midulla (Italy), Ernst Eber (Austria), Pierre Goussard (South Africa), Manuel Soto-Martinez (Costa Rica), Sarabon Tahura (Bangladesh)

The Basic Hands-On Pediatric Bronchoscopy Course is designed to provide participants with a solid foundation in the principles and practice of flexible bronchoscopy in children. The course combines concise, focused lectures on indications, anatomy, equipment, safety, and interpretation of findings with extensive practical

training in a supervised, small-group setting. Participants will gain hands-on experience using bronchoscopic equipment, learn essential techniques for airway navigation and sampling, and develop awareness in performing procedures safely and effectively.

Course Objectives:

- Describe indications and contraindications for bronchoscopy
- Identify components - equipment
- Recognize normal anatomy and identify common airway pathologies.
- Demonstrate safe handling and basic bronchoscopy techniques (like navigation, aspiration, BAL, etc.)

08:30 – 08:45	Introduction and Presentation of the Faculty
08:45 – 09:15	Introduction to Paediatric Bronchoscopy: Indication, Technique, Instruments – Fabio Midulla (Italy)
09:15 – 10:15	Anatomical and Functional Findings: Upper and Lower Airway – Ernst Eber (Austria)
10:15 – 10:45	Coffee Break
10:45 – 11:30	Interventional Bronchoscopy in Children – Pierre Goussard (South Africa)
11:30 – 13:00	Video Session – All faculty
13:00 – 14:00	Lunch Break
14:00 – 15:30	Practical Hands-On on Manichine – All Faculty
15:30 – 17:00	Practical Hands-On on Manichine – All Faculty

16:00 - 17:30	Meeting of the INSPiRED Ambassador Forum
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OPENING CEREMONY 18:00 – 21:00	
18:00 - 18:30	Welcoming Addresses
Opening Ceremony Symposium:	
18:30 – 18:50	Global Lung Health – The Decade Ahead Heather Zar (South Africa)
18:50 – 19:10	Climate Change and Air Pollution: A Threat to Respiratory Health in Children Terry Noah (USA)
19:10 – 19:30	Building Trust with Vaccine-Hesitant Parents Susanna Esposito (Italy)
19:30 – 21:00	Welcome Cocktail Reception

FRIDAY 26th JUNE 2026

RISE & SHINE Special Interest Group 07:30 – 08:25	RISE & SHINE Special Interest Group 07:30 – 08:25	RISE & SHINE Special Interest Group 07:30 – 08:25
Asthma and Allergy	CF, PCD and other Bronchiectasis Diseases	NIV and Sleep Medicine
Pre-registration before June 5 th is required	Pre-registration before June 5 th is required	Pre-registration before June 5 th is required

8:30 – 10:00	PLENARY SESSION
08:30 – 09:00	The Challenges in Evidence Based Treatment for Preschool Wheeze Gary Wong (Hong Kong, China)
09:00 – 09:30	Empowering Clinicians With AI-Guided Lung Ultrasound: Replacing or Supplementing the Stethoscope? Giovani Volpicelli (Italy)
09:30 – 09:45	Post COVID-19 Patterns of Respiratory Viruses in South African Children with Acute Respiratory Illness Mish-al Barday (South Africa)
09:45 – 10:00	Salivary Chloride for Cystic Fibrosis Screening: Innovating Diagnosis in Resource-Limited Settings Using Chloride-Detection Strips Supriya Suresh Shinde (India)
10:00 - 10:30	Coffee Break and Exhibition Visit

SYMPOSIUM A 10:30 – 12:00	SYMPOSIUM B 10:30 – 12:00	SYMPOSIUM C 10:30 – 12:00
Year in Review: Major Advances in Pediatric Respiratory Medicine	Childhood Respiratory Health in a Changing Environment: Evidence and Action	Complex Pediatric Lung Diseases
Asthma – Year in Review Fernando de Benedictis (Italy) Focus: Major advances and evolving paradigms. Cystic Fibrosis – Year in Review	Air Quality and Acute Respiratory Risk in Infants Daniele Zama (Italy) Focus: Understanding how early-life exposure to poor air quality drives acute respiratory risk in infants.	A Silent Burden: Recognizing Pediatric Interstitial Lung Disease (ILD) in LMICs Luiz Vicente Ribeiro da Silva Filho (Brazil) Focus: Diagnostic barriers,

<p>Phil Robinson (Australia) Focus: Therapeutics, modulators, registry breakthroughs.</p> <p>Sleep Medicine – Year in Review</p> <p>Alessandro Amaddeo (Italy) Focus: Innovations in diagnostics, SDB management.</p> <p>Pneumonia – Year in Review</p> <p>Eitan Kerem (Israel) Focus: Diagnostics, clinical trials, global epidemiology.</p>	<p>Environmental Effects of Gas Flaring</p> <p>Iso Oloyede (Nigeria) Focus: Regional evidence, mechanistic insights, airway inflammation, public health actions.</p> <p>Early-Life Environmental Exposures and Chronic Lung Disease Risk</p> <p>Andrew Bush (UK) Focus: Perinatal exposures and long-term programming.</p> <p>Vaping, Tobacco, and Nicotine Dependence in Youth: Understanding the Hidden Epidemic and Implementing Effective Prevention Strategies</p> <p>Stefania La Grutta (Italy) Focus: TBA</p>	<p>registries, emerging therapeutic strategies.</p> <p>Persistent Tachypnea of Infancy / Neuroendocrine Cell Hyperplasia</p> <p>Honorata Marczak (Poland) Focus: Diagnosis, natural history, and management.</p> <p>Pulmonary Arteriovenous Malformations (AVMs)</p> <p>Meir Mei-Zahav (Israel) Focus: Diagnosis, intervention, follow-up.</p> <p>Persistent Cough: When to Worry, When to Investigate</p> <p>Julie Marchant (Australia) Focus: Current evidence on chronic cough in children, reviewing the magnitude of the problem, assessment and treatment.</p>
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12:15 - 13:15	Lunch Break – Sponsored Symposia (Early registration is required)
13:15 - 14:15	Thematic Poster Session - POSTER AREA

14:15 – 15:45	PLENARY SESSION
14:15 – 14:45	The Role of Early Viral Infections in the Development of Childhood Asthma: Insights from Rhinovirus and RSV Research Wojciech Feleszco (Poland)
14:45 – 15:15	Azithromycin for Wheeze Exacerbations in the Emergency Department? Fernando Martínez (USA)
15:15 – 15:30	Shifting RSV Infant Susceptibility and Immunity: From Pandemic Disruptions to Maternal Vaccine Implementation in Argentina Pablo Pakciarz (Argentina)
15:30 – 15:45	Lung Ultrasound in Pediatric Primary Ciliary Dyskinesia: Correlation with Lung Function and Chest Radiographic Scores Ömer Faruk Ipek (Turkey)
15:45 - 16:00	Coffee Break and Exhibition Visit

SYMPOSIUM A 16:00 – 17:30	SYMPOSIUM B 16:00 – 17:30	SYMPOSIUM C 16:00 – 17:30
<p align="center">Gates Foundation Symposium: New Advances in Pneumonia Prevention</p> <p>Moderators: Gail Rodgers (USA) & Heather Zar (South Africa)</p>	<p align="center">Suppurative Lung Diseases</p>	<p align="center">Complex Lung Disorders: A Global Perspective</p>
<p>Global Burden, Aetiology, and Severity of Childhood Pneumonia in 2026</p> <p>Rebecca Nantanda (Uganda) Focus: Implications for treatment and global burden trends.</p> <p>Severe Pneumonia: Defining Hypoxemia & Optimal Interventions</p> <p>Eric McCollum (USA) Focus: Thresholds, pulse oximetry, oxygen systems.</p> <p>Pneumococcal Conjugate Vaccine – Expanded Valency, Reduced Doses – What Strategy for Child Health?</p> <p>David Goldblatt (UK) Focus: Optimizing child health, particularly in low-resource settings requires balancing different vaccines strategies.</p> <p>Access and Affordability of New Vaccines</p> <p>Ignacio Esteban (Switzerland) Focus: Financing, LMIC rollout, partnerships.</p>	<p>Guidelines for Diagnosis of Primary Ciliary Dyskinesia – ATS/ERS Recommendations</p> <p>Thomas Ferkol (USA) Focus: Updated diagnostic criteria and implementation.</p> <p>New Insights into the Genetic Basis of Bronchiectasis</p> <p>Heymut Omran (Germany) Focus: Genetic discoveries and mechanisms of disease.</p> <p>Lung Involvement in Primary and Acquired Immunodeficiency States</p> <p>Indu Khosla (India) Focus: Diagnosis, pathogen susceptibility, and long-term management.</p> <p>Post-Infectious Bronchiolitis Obliterans – Latest Advances</p> <p>Alejandro Teper (Argentina) Focus: Diagnostics, imaging, and therapeutic pathways.</p>	<p>Congenital Pulmonary Malformations in the Era of Fetal Imaging: Challenges and Opportunities</p> <p>Michele Ghezzi (Italy) Focus: Practical approach to evaluating congenital lung malformations—from prenatal detection to postnatal management—highlighting risk stratification, indications for surgery, and follow-up strategies.</p> <p>Practical Approach to Thoracic Lymphatic Malformations</p> <p>Bruce Rubin (USA) Focus: Clinical approach, differential, assessment and management of thoracic lymphatic malformations in children.</p> <p>Aerodigestive & Lung Interface in Pediatrics</p> <p>Mikhail Kazachkov (USA) Focus: Collaborative models and advance diagnostics.</p> <p>Home Mechanical Ventilation: Noninvasive vs. Invasive Approaches</p> <p>Anna Nathan (Malaysia) Focus: Initiation criteria, technology evolution, caregiver training, safety monitoring.</p>

SATURDAY 27th JUNE 2026

RISE & SHINE Special Interest Group 07:30 – 08:25	RISE & SHINE Special Interest Group 07:30 – 08:25	RISE & SHINE Special Interest Group 07:30 – 08:25
RSV, Bronchiolitis and Preschool Wheezing	Respiratory Challenges in the Neonatal and Post- Neonatal Period and Congenital Lung Diseases	Consultation Clinica - Bring your Cases for Discussion
Pre-registration before June 5 th is required	Pre-registration before June 5 th is required	Pre-registration before June 5 th is required

8:30 – 10:00	PLENARY SESSION
08:30 – 09:00	Migration and the Pediatric Lung: Respiratory Health in Child Refugees Peter Le Souef (Australia)
09:00 – 09:30	Obesity and the Pediatric Lung: Update in the Role of New Metabolic Treatments Erick Forno (USA)
09:30 – 09:45	Extracellular Vesicles in Exhaled Breath Condensate Identify Epithelial Stress and Innate Defense Signatures in Children with Asthma Dominika Ambrożej (Poland)
09:45 – 10:00	Timing Matters: Patterns of Acute Bronchiolitis Severity after Universal Nirsevimab Immunization Yolanda Mañes Jimenez (Spain)
10:00 - 10:30	Coffee Break and Exhibition Visit

SYMPOSIUM A 10:30 – 12:00	SYMPOSIUM B 10:30 – 12:00	SYMPOSIUM C 10:30 – 12:00	SYMPOSIUM D 10:30 – 12:00
Cystic Fibrosis in the 21st Century: From Early Diagnosis to Healthy Aging	Health Disparities in Pediatric Sleep- Disordered Breathing	Lifelong Implications of Early Lung Injury	Shaping Immune Health to Reduce Childhood Wheezing, Asthma and Respiratory Infections
Challenges in Diagnosing CF in Resource-Limited Settings Sushil Kabra (India) Focus: Practical strategies for diagnosis	Health Disparities Between HICs and LMICs: Access to Sleep- Disordered Breathing Diagnostic Tools & Treatment Jeremy Landeo- Gutierrez (USA)	Long-Term Effects of Prematurity Eugenio Baraldi (Italy) Focus: Lung function trajectories and early-life determinants of chronic lung disease.	Immune Health, Biodiversity & Respiratory Disease Manuel E. Soto-Martínez (Costa Rica) Focus: Exploring how environmental biodiversity shapes

<p>where resources are limited.</p> <p>The Globalization of CF Care</p> <p>Carlos Milla (USA) Focus: Global initiatives, access to modulators, registry development.</p> <p>The Microbiome and Inflammation in CF: From Pathogens to Precision Therapy</p> <p>Federico Cresta (Italy) Focus: Translational insights from microbiome studies to therapeutic innovation.</p> <p>Aging with CF: New Horizons in Care and Quality of Life</p> <p>Malena Cohen-Cymerknoh (Israel) Focus: Multisystem care, mental health, fertility, long-term outcomes.</p>	<p>Focus: Global inequalities in access to polysomnography, home sleep testing, sleep surgery, CPAP, and home NIV for children in LMICs.</p> <p>Improving Care for Sleep-Disordered Breathing in Low-Resource Settings</p> <p>Marco Zampoli (South Africa) Focus: Practical, scalable solutions and innovative service models to enhance care for pediatric SDB in underserved and resource-limited settings.</p> <p>AI-Enabled Global Pathways for Pediatric Sleep-Disordered Breathing</p> <p>Gustavo Nino (USA) Focus: Using AI, smartphone recordings, and digital tools to create simplified global screening and diagnostic pathways for pediatric SDB.</p> <p>Technology-Dependent Child: Tech-Driven Advances in Pediatric Respiratory Care</p> <p>Reshma Amin (Canada) Focus: Telemedicine, remote monitoring, and digital chronic-care innovations to reduce disparities and improve care for technology-dependent children.</p>	<p>Bronchopulmonary Dysplasia: Evolving Definitions and Management Strategies</p> <p>Amir Kugelman (Israel) Focus: Novel phenotyping, interventions, long-term follow-up strategies.</p> <p>Molecular Pathways in Chronic Lung Disease</p> <p>Daniele De Luca (Italy) Focus: Surfactant synthesis regulation, vascular development, epithelial–endothelial crosstalk.</p> <p>Neonatal Pulmonary Hypertension – Strategy for management and future outcome</p> <p>David Cornfield (USA) Focus: Evaluation, treatment after discharge, target saturation, monitoring and medication.</p>	<p>immune development to prevent and manage respiratory diseases.</p> <p>Window of Opportunity to Build Immune Resilience</p> <p>Gary Wong (Hong Kong, China) Focus: Leveraging early-life windows to strengthen immune resilience in children.</p> <p>Early Prevention of Wheezing Lower Respiratory Tract Illness: Results from the ORBEX Study</p> <p>Fernando Martinez (USA) Focus: Finding from the ORBEX study on prevention of wheezing illness.</p> <p>Q&A</p>
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12:15 - 13:15	Lunch Break – Sponsored Symposia (Early registration is required)
13:15 - 14:15	Thematic Poster Session - POSTER AREA

14:15 – 15:45	PLENARY SESSION
14:15 – 14:45	Childhood Lung Function Trajectories: Implementation at Clinical and Population Level Sejal Saglani (UK)
14:45 – 15:15	Precision Medicine in Childhood Asthma: Where Are We in 2026 Leonard Bacharier (USA)
15:15 – 15:30	Young Investigator Award Presentation
15:30 – 15:45	Young Investigator Award Presentation
15:45 - 16:00	Coffee Break and Exhibition Visit

SYMPOSIUM A 16:00 – 17:30	SYMPOSIUM B 16:00 – 17:30	SYMPOSIUM C 16:00 – 17:30	SYMPOSIUM D 16:00 – 17:30
Clinical Cases	Oral Presentations	Oral Presentations	Oral Presentations
<p>16:00 – 16:18 A Cystic Fibrosis Mimicker in Infancy: A Multisystem Disease with Lung, Kidney, and Skin Involvement</p> <p>Nilgün Kula (Turkey)</p> <p>16:18 – 16:36 A Rare Cause of Pulmonary Hypertension in an Infant</p> <p>Adelaide Withers (Australia)</p> <p>16:36 – 16:54 Progressive Dyspnea in a 14-year-old: A Diagnostic Challenge Leading to Pulmonary Veno-Occlusive Disease</p> <p>Julie Willekens (the Netherlands)</p>	<p>16:00 – 16:07 Association Between Antibiotic Use in Acute Bronchiolitis and Childhood Asthma Inception</p> <p>Guy Hazan (Israel)</p> <p>16:07 – 16:14 Effects of High-Intensity Interval Training on Cardiorespiratory Fitness in Post-Infectious Bronchiolitis Obliterans: Randomized Controlled Trial with a 6-Month Follow-Up</p> <p>Marcio Vinicius Fagundes Donadio (Spain)</p> <p>16:14 – 16:21 Shorter Antibiotic Courses Are Non-Inferior to Longer Courses for Readmission Risk in Children Hospitalized</p>	<p>16:00 – 16:07 360° Treatment of Congenital Tracheomalacia in Young Children: Mid-Term Results</p> <p>Julie Willekens (the Netherlands)</p> <p>16:07 – 16:14 Development of a Novel Digital Lung Auscultation Annotation Platform for Improving Artificial Intelligence-Powered Lung Sound Classification Algorithms: Auscultation Lab</p> <p>Sunaina Kapoor (USA)</p> <p>16:14 – 16:21 Efficacy and Safety of Six Biologic Drugs for Asthma in Children and Adolescents: A Systematic Review and Meta-Analysis</p>	<p>16:00– 16:07 Comparison of Three Oxygen Supplementation Strategies During Flexible Bronchoscopy in Children: A Randomized Controlled Trial</p> <p>Maaz Ahmed (India)</p> <p>16:07 – 16:14 Invasive and Non-Invasive Home Mechanical Ventilation in Children: A 7-Year Experience in Costa Rica</p> <p>Ian Lachner (Costa Rica)</p> <p>16:14 – 16:21 Bell-Shaped Chest Structure in Patients with Spinal Muscular Atrophy and the Effect of Treatment</p> <p>Hagit Levine (Israel)</p>

<p>16:54 – 17:12 Refractory Spontaneous Chylothorax in a 3-Year-Old Boy: When Conventional Management Fails</p> <p>Gabriel Monge-Espinoza (Costa Rica)</p>	<p>with Bacterial Tracheostomy-Associated Infections</p> <p>Christopher Russell (USA)</p> <p>16:21– 16:28 Prevalence of Childhood Asthma in Bangladesh: The First National Survey 2023</p> <p>Probir Kumar Sarkar (Bangladesh)</p> <p>16:28 – 16:35 Prophylactic Airway Epithelial Cell Activation Promotes Cell Survival During Viral Challenge</p> <p>Philipp Hohensinner (Austria)</p> <p>16:35 – 16:42 Early Detection of Respiratory Decline in Duchenne Muscular Dystrophy Using Z-Score-Based Spirometry</p> <p>Eliza Wasilewska (Poland)</p> <p>16:42 – 16:49 Reduced Morphine Use with Percutaneous Drainage and Urokinase Compared to VATS in Pediatric Para-Pneumonic Effusions: Results from a Randomized Controlled Trial</p> <p>Daphne Vens (Belgium)</p>	<p>Jose A. Castro-Rodriguez (Chile)</p> <p>16:21 – 16:28 Integrated Diagnostic Pathway: Leveraging Sweat Testing and Comprehensive CFTR Gene Analysis to Accurately Classify CF Newborn Screening Positive Cases</p> <p>Özge Meral (Turkey)</p> <p>16:28 – 16:35 Factors Associated with Failure of Pigtail Chest Drainage in Pediatric Parapneumonic Effusion: A 10-Year Retrospective Study from Thailand</p> <p>Sarinrath Charoonrochana (Thailand)</p> <p>16:35 – 16:42 Microelemental Composition of Indoor Aerosol Pollutants Taken from Schools and Kindergartens and the Incidence of Upper Respiratory Infections in Children</p> <p>Lukas Vaidelys (Lithuania)</p> <p>16:42 – 16:49 SMART-PCD: Smartphone-based Video Microscopy Analysis for Rapid Testing for Primary Ciliary Dyskinesia- a Prospective Study</p> <p>Akshita Soni (India)</p>	<p>16:21 – 16:28 Pseudo-Bartter Episode Compartment Combining Serum Electrolytes Antibiotic Days and Weight-for-Age Z Scores Triggers Targeted Sweat Testing in District Clinics</p> <p>Aminatus Saadah (Indonesia)</p> <p>16:28 – 16:35 Fractional Exhaled Nitric Oxide as a Screening Tool in Childhood Obstructive Sleep Apnea</p> <p>Kantisa Sirianansopa (Thailand)</p> <p>16:35 – 16:42 Shifting RSV Infant Susceptibility and Immunity: From Pandemic Disruptions to Maternal Vaccine Implementation in Argentina</p> <p>Pablo Pakciarz (Argentina)</p>
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SUNDAY 28th JUNE 2026

RISE & SHINE Special Interest Group 07:30 – 08:25	RISE & SHINE Special Interest Group 07:30 – 08:25	RISE & SHINE Special Interest Group 07:30 – 08:25
Imaging of the Chest, POCUS	Junior Faculty Working Group	Community Acquired Pneumonia
Pre-registration before June 5 th is required	Pre-registration before June 5 th is required	Pre-registration before June 5 th is required

SYMPOSIUM A 8:30 – 10:00	SYMPOSIUM B 8:30 – 10:00	SYMPOSIUM C 8:30 – 10:00
Editor’s Choice: Landmark Publications & Translational Insights	Novel Technology for Childhood Lung Diseases Chair: Rina Triasih (Indonesia)	Tuberculosis in Children: Unmasking the Disease, Managing the Damage
<p>Editor’s Picks – Key Articles Shaping Pediatric Pulmonology (2025–2026)</p> <ul style="list-style-type: none"> • New England Journal of Medicine - Gary Wong (Hong Kong, China) • AJRCCM - Andrew Bush (UK) • Pediatric Pulmonology - Susanna McColley (USA) • Lancet Respiratory Medicine - Felix Ratjen (Canada) <p>Focus: High-impact publications, translational implications.</p>	<p>From Wires to Waves: Reconstructing Spirometry from Radar Signals</p> <p>Patrick Stafler (Israel) Focus: Signal processing and machine learning pipelines for transforming raw radar waveforms into clinically interpretable respiratory metrics. Integrating mathematical modeling with pediatric physiology to enable scalable, non-contact lung function assessment beyond conventional spirometry.</p> <p>Interventional Flexible Bronchoscopy – The Cutting Edge</p> <p>Mohammad Ashkan Moslehi (Kuwait) Focus: Advanced therapeutic and diagnostic bronchoscopic techniques.</p>	<p>TB and Pneumonia – A Colliding Epidemic</p> <p>Rebecca Nantanda (Uganda) Focus: Overlapping clinical presentations and burdens.</p> <p>Pediatric Tuberculosis: What’s New in Diagnosis and Management?</p> <p>Jagdish Prasad Goyal (India) Focus: WHO guidelines, diagnostic tools, algorithms.</p> <p>Epidemiology of Tuberculosis in Low-Risk Populations</p> <p>Marcelo Scotta (Brazil) Focus: The shifting epidemiology of TB in populations traditionally considered low-risk, highlighting emerging trends, drivers of transmission, and implications for public health strategies</p>

	<p>Innovative and Affordable Pediatric Respiratory Devices for LMICs</p> <p>Aroonwan Preutthipan (Thailand) Focus: Low-cost technologies and implementation.</p> <p>Beyond Traditional Labels: Data-Driven Oxygen Requirement Clusters in Preterm Chronic Lung Disease</p> <p>Mauricio Caballero (Argentina) Focus: Exploring novel phenotypes of chronic lung disease in preterm infants through cluster analysis of oxygen requirements in two independent cohorts.</p>	<p>Long-Term Impact of Lung Damage After Pulmonary TB</p> <p>Shaakira Chaya (South Africa) Focus: Post-TB lung disease and long-term care.</p>
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10:00 - 10:30	Coffee Break and Exhibition Visit
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SYMPOSIUM A 10:30 – 12:00	SYMPOSIUM B 10:30 – 12:00	SYMPOSIUM C 10:30 – 12:00
<p>Asthma: From Guidelines to Precision Care</p>	<p>Lifelong Lung Health: Early Detection, Functional Assessment, and Advanced Therapies</p>	<p>The Changing Landscape of Pneumonia</p>
<p>Early-life Predictors of Asthma Development in Children</p> <p>Christian Rosas-Salazar (USA) Focus: Review the different early-life, environmental, and clinical factors converge to shape the trajectory towards the development of childhood asthma.</p> <p>From Guidelines to Ground Reality – Severe Asthma Across Borders</p> <p>Sejal Saglani (UK) Focus: Bridging global guidelines with real-world constraints (HIC vs LMIC).</p> <p>Strengthening Asthma Control: Ensuring Optimal ICS/LABA Use,</p>	<p>Preschool Lung Function: Why Early Detection Matters</p> <p>Robert Tepper (USA) Focus: FeNO, oscillometry, early spirometry.</p> <p>Cardiopulmonary Exercise Testing in Chronic Lung Disease and Chest Wall Deformities</p> <p>Ronen Bar-Yoseph (Israel) Focus: Practical approach, interpretation, exercise prescription.</p> <p>The Lung in Congenital Heart Diseases</p>	<p>Climate Change and Thunderstorm Asthma in Children: Challenges and Responses</p> <p>Kunling Shen (China) Focus: Profile epidemiology, elucidate mechanisms, delineate features, and propose strategies for pediatric thunderstorm asthma amid climate change.</p> <p>AI-Assisted Diagnosis in Pneumonia: CXR, Lung Ultrasound and More</p> <p>Bruno Hochegger (USA/Brazil) Focus: Integration of imaging modalities and AI tools.</p>

<p>Adherence and Risk Factors Avoidance</p> <p>Yasemin Gökdemir (Turkey) Focus: Optimizing asthma outcomes requires consistent ICS/LABA use, strong adherence, and proactive avoidance of modifiable risk factors.</p> <p>Unlocking the Translational Pipeline: Biomarkers and Therapies in Pediatric Asthma</p> <p>Leonard Bacharier (USA) Focus: From endotypes to biologics; accelerating translation.</p>	<p>David Cornfield (USA) Focus: Pulmonary vascular disease and outcomes post-surgery.</p> <p>Pediatric Lung Transplantation: When and How to Refer, and What Comes After</p> <p>Melinda Solomon (Canada) Focus: Timing of referral, evaluation pathways, post-transplant surveillance.</p>	<p>Biomarkers for Diagnosing Pneumonia and Guiding Antibiotic Use</p> <p>Quique Bassat (Spain) Focus: Host-response biomarkers and treatment stewardship.</p> <p>RSV Prophylaxis in Countries without a Clear Seasonal Pattern</p> <p>Anne Goh (Singapore) Focus: Tailoring RSV prophylaxis in regions without clear seasonality demands flexible, data-driven strategies that account for local transmission patterns.</p>
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12:00 - 13:00	Radiology and Bronchoscopy Quiz
13:00 - 13:30	Closure Ceremony and Awards

MONDAY 29th JUNE 2026

POST-CONGRESS Workshop

<p>PCD in Children: Practical Diagnosis & Management in Resource-Limited Settings</p>
<p>Audience: Pediatric pulmonologists & pediatricians from resource-limited settings who are running or interested to run PCD clinics, and fellows and young investigators who could become future national leads</p> <p>Learning goals:</p> <ul style="list-style-type: none"> • Recognize clinical red flags and implement feasible diagnostic pathways for PCD in LMICs. • Consider important differential diagnoses such as PID and CF. • Select pragmatic and accessible assessments including history, imaging, nNO access pathways, ciliary function proxies. • Interpret basic genetics reports and understand common genetic variant patterns/founders. • Learn how to perform nasal brush biopsies and to analyze it using a simple inverted laboratory microscope facilitating appropriate sample shipment of cells to perform immunofluorescence microscopy or transmission electron microscopy • Apply core management strategies tailored to resource-constrained settings.

	<ul style="list-style-type: none"> Translate current evidence into locally adapted protocols and contribute data to national and international registries and networks.
08:30 – 08:45	Welcome, Context and Objectives – Heymut Omran (Germany)
08:45 – 09:05	PCD Burden & Prevalence (LMIC Lens) – Phil Robinson (Australia) Global/ regional estimates, under-diagnosis, health-systems implications.
09:05 – 09:25	Diagnosis in Practice – Tom Ferkol (USA) (clinical criteria, referral triggers, algorithms) Phenotypes in infants vs. older children; neonatal distress, otosinopulmonary triad, situs issues; when to suspect and refer.
09:25 – 09:45	Genetics of PCD and International PCD Registry – Heymut Omran (Germany) (panels, founder variants, low-cost pathways) Core genes, genetic testing and interpretation; equitable access models.
09:45 – 10:00	Q & A
10:00 – 10:30	Coffee Break
10:30 – 10:50	Diagnostic Toolbox in resource-limited settings (South Africa) – Marco Zampoli (South Africa) nNO (access options & cut-offs), nasal brushing, video microscopy essentials, what to do when tests aren't available.
10:50 – 11:20	Management Fundamentals in resource-limited settings – Kim Nielsen (Denmark) Airway clearance, vaccination, antibiotics, monitoring, ENT care, bronchiectasis prevention.
11:30 – 11:50	PCD Diagnostics and Management in resource-limited settings (India) – Indu Khosla (India)
11:50 – 12:10	PCD Diagnostics and Management in resource-limited settings (Brazil) – Marcus Herbert Jones (Brazil)
12:10 – 13:10	Lunch Break
13:10 – 13:20	Case-based Plenary Discussions - Uroš Krivec (Slovenia), Manuel E. Soto-Martínez (Costa Rica), Elad Ben Meir (Israel) <ul style="list-style-type: none"> presentation of clinical cases PANEL discussion <ul style="list-style-type: none"> (A) Infant with neonatal respiratory distress (B) School-age with chronic wet cough & otitis (C) Adolescent with bronchiectasis
14:20 – 15:20	Group Exercise: Draft an Implementable LMIC Diagnostic Pathway – all speakers Moderators: Heymut Omran (Germany) & Marco Zampoli (South Africa)
15:20 – 15:30	Wrap-up & Evaluation