

ATS 2025 International Scholars Poster Colloquium

**Saturday, May 17, 2025**

**Moscone Convention Center – South Building – Level 3 - Room 301-302**

**San Francisco, CA**

**8:00 AM – 1:00 PM PT**

The ATS International Scholars Poster Colloquium showcases the outstanding work of talented trainees who have earned recognition through the International Trainee Scholarship. This highly prestigious award acknowledges and celebrates the exceptional abstract submissions received from trainees worldwide. The 2025 Colloquium offers a unique opportunity for early-career researchers hailing from 33 countries and 14 assemblies to connect and engage with some of the brightest and most promising investigators in the field of respiratory health across the globe.

**Agenda:**

8:00 a.m. to 8:30 a.m. – Posters display and discussion.

8:30 a.m. to 8:55 a.m. – Opening Remarks

8:30 a.m. to 8:40 a.m. – IHC Chairs

8:45 a.m. to 8:55 a.m. – ATS Officers

8:55 a.m. to 10:20 a.m. – Presentations

10:20 a.m. to 10:35 a.m. – Break

10:35 a.m. to 12:20 p.m. – Presentations

12:20 p.m. to 12:40 p.m. - Posters display and discussion

12:40 p.m. to 1:00 p.m. – Certificates distribution

| <b>Time</b> | <b>Full Name</b>                  | <b>Poster Border #</b> | <b>Country</b> | <b>Assembly</b>                                       | <b>Abstract</b>  |
|-------------|-----------------------------------|------------------------|----------------|---|--|
| 8:55        | Silke Geirnaert, MHS              | 401                    | Belgium        | Allergy, Immunology and Inflammation (All)            | The Role of Ferroptosis and Its Inhibition in Chronic Obstructive Pulmonary Disease (COPD)   |
| 9:00        | Sumiha Karunagaran, BSc           | 402                    | Canada         | Allergy, Immunology and Inflammation (All)            | Pleural Cavity-Resident B Cells and Macrophages Form Immune Scaffolds on the Lung Surface in Response to Bacterial Stimuli   |
| 9:05        | Tobias Trojan, Medical doctor     | 403                    | Germany        | Allergy, Immunology and Inflammation (All)            | Perinatal Obesity Is Associated With Childhood Asthma Via Modulation of Interleukin-6 Trans-Signaling and Premature Aging of Human and Murine Respiratory Epithelial Cells |
| 9:10        | Feyisara Machbeth Kehinde, MBChB* | 404                    | Nigeria        | Behavioral Science & Health Services Research (BSHSR) | Assessment Of Global Initiative For Asthma (GINA)-defined Asthma Control: Comparative Effectiveness Of Four Questionnaires In A Sub-Saharan African Population             |
| 9:15        | Mulugeta Tamire, PhD              | 405                    | Ethiopia       | Behavioral Science & Health Services Research (BSHSR) | Chronic Obstructive Pulmonary Disease Diagnosis And Management Are Far Below Standards In Ethiopia: A Qualitative Study In Five Teaching Hospitals                         |

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|-------|--|-----|-----------------|--|---|
| 9:20  | Xiaofang Su, M.D.*                         | 406 | China           | Clinical Problems (CP)                                   | The Respiratory Mycobiome Dynamic Is Associated With 3-Year Mortality In Severe COPD Patients During Exacerbation   |
| 9:25  | Vivienne Kahlmann, MD                      | 407 | The Netherlands | Clinical Problems (CP)                                   | Methotrexate Versus Prednisone As First-line Treatment For Pulmonary Sarcoidosis: The Predmeth Trial  |
| 9:30  | Shawn Foo, Bachelor of Nursing             | 408 | Malaysia        | Clinical Problems (CP)                                   | Hemoglobin Variant With Discordance Between SpO <sub>2</sub> and SaO <sub>2</sub>   |
| 9:35  | Ilgim Vardaloglu Koyuncu, MD*              | 409 | Turkiye         | Clinical Problems (CP)                                   | Impulse Oscillometry as a Diagnostic Tool for Small Airway Disease in Patients With Human Immunodeficiency Virus (HIV) Infection: Defining Cut-Offs and Clinical Characteristics  |
| 9:40  | Anusmriti Pal, MBBS, BMic, MD (IM), FPCCM* | 410 | Nepal           | Clinical Problems (CP)                                   | Management of Massive Hemoptysis Through Bronchoscopy in a Remote Region of Nepal: A Case Report  |
| 9:45  | Akshaya Moorthy, MBBS, MD*                 | 411 | India           | Clinical Problems (CP)                                   | Agreement of One-minute Sit-to-Stand Test With Six-minute Walk Test in Interstitial Lung Disease Patients   |
| 9:50  | Michelle Kam, MBBS, MRCP(UK)               | 412 | Singapore       | Clinical Problems (CP)                                   | A Baseline HRCT Deep Textural Analysis Fibrosis Score of $\geq 10\%$ in RA-ILD Is Associated With an Increased Risk of All-cause Mortality  |
| 9:55  | Luke Flower, MBChB                         | 413 | United Kingdom  | Critical Care (CC)                                       | Upregulation of the NAIP/NLRC4 Inflammasome and Dysregulation of the IL-18 Axis Are Associated With the Onset and Severity of Acute Respiratory Distress Syndrome   |
| 10:00 | Muniza Bai, MD Pulmo                       | 414 | India           | Critical Care (CC)                                       | High Flow Nasal Oxygen Therapy Versus Non-invasive Ventilation For Prevention Of Reintubation In Patients With Hypercapnia At Extubation - A Randomised Controlled Trial (HYPERHOT NIV Trial), Results From An Interim Analysis |
| 10:05 | Oscar Penuelas, M.D P.h.D                  | 415 | Spain           | Critical Care (CC)                                       | Global Burden Of Mechanical Ventilation (GEMINI Study): An Epidemiological And Geo-economic Modelling Study.  |
| 10:10 | Reshed Abohalaka, BPharm, MSc, PhD         | 416 | Sweden          | Environmental, Occupational and Population Health (EOPH) | Incidence of Adult-diagnosed Asthma in Relation to Obesity and Weight Change: An 8-year Longitudinal Study  |
| 10:15 | Samantha Filby, MSocSci                    | 417 | South Africa    | Environmental, Occupational and Population Health (EOPH) | Interventions to Prevent Vaping Initiation and to Support Vaping Cessation  |
| 10:20 | <b>BREAK</b>                               |     |                 |  |   |

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|-------|------------------------------------|-----|-----------|---|---|
| 10:35 | Xu Wang, PhD in Nursing            | 418 | China     | Nursing (NUR)                                 | Feasibility, Acceptability and Preliminary Efficacy of an Acceptance and Commitment Therapy and Empowerment-based Asthma Management Intervention for School-age Children With Asthma and Their Parents: A Pilot Randomized Controlled Trial   |
| 10:40 | Andreas Vollmond, B.Sc in Medicine | 419 | Denmark   | Pediatrics (PEDS)                             | Childhood Asthma Trajectories Across Eleven Danish Birth Cohorts: Predictors of Asthma Remission and Persistence - A Nationwide DAIRE Study   |
| 10:45 | Nidia Milena Villamil Osorio, MD   | 420 | Colombia  | Pediatrics (PEDS)                             | Clinical Utility of Bronchoalveolar Lavage in Oncology Patients at a Pediatric Hospital in Bogota, Colombia   |
| 10:50 | My Ngoc Ha, Master                 | 421 | France    | Pulmonary Circulation (PC)                    | The Role of Placental Growth Factor and Its Primary Receptor, Vegf Receptor 1, in Pulmonary Arterial Hypertension   |
| 10:55 | Fernando Alberto Garcia Cruz, MD   | 422 | Mexico    | Pulmonary Infections and Tuberculosis (PI-TB) | Clinical Profiles And Outcomes Of Empyema In A Tertiary Care Hospital In Mexico Addressing Gaps In Empyema Research From Middle Income Regions  |
| 11:00 | Anthony Emeritus Chirwa, MD        | 423 | Malawi    | Pulmonary Infections and Tuberculosis (PI-TB) | Longterm Protective Effect Of 13-Valent Pneumococcal Conjugate Vaccine Against Experimental Carriage Following Rechallenge With Streptococcus Pneumoniae Serotype 6B In Blantyre Malawi: A One-year Follow-up Of A Randomised Controlled Trial And Controlled Human Infection Study |
| 11:05 | Nisha Wanichwecharungruang, MD     | 424 | Thailand  | Pulmonary Infections and Tuberculosis (PI-TB) | New Tuberculosis Treatment, Old Problems: 100% Adverse Reactions in Thai Tuberculosis Patients on the Rifapentine-Moxifloxacin Regimen  |
| 11:10 | Esin Nkereuwem, MD MSc*            | 425 | Gambia    | Pulmonary Infections and Tuberculosis (PI-TB) | 12-month Respiratory Outcomes in Children and Adolescents Treated for Pulmonary Tuberculosis  |
| 11:15 | Phung Nguyen, MSc. MD.*            | 426 | Vietnam   | Pulmonary Infections and Tuberculosis (PI-TB) | The Minimum Inhibitory Concentration, Antibiotic Resistance of Common Bacteria and Short Outcomes in the Hospital Acquired and Ventilation Acquired Pneumoniae  |
| 11:20 | Edwin Nuwagira, MBChB*             | 427 | Uganda    | Pulmonary Infections and Tuberculosis (PI-TB) | The Association of Pretreatment Nutritional Status With Lung Function After Microbiologic Tuberculosis Cure   |
| 11:25 | M Prasetio Wardoyo, M.D. *         | 428 | Indonesia | Pulmonary Infections and Tuberculosis (PI-TB) | Neuropsychiatric Side Effects Of DR-TB Patients Receiving BPAL/BPaLM Regimen: A Retrospective Study In A National Respiratory Referral Hospital In Indonesia  |

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|-------|------------------------------|-----|--------------------|---|--|
| 11:30 | Mark Steven Pempengco, MD*   | 429 | Philippines        | Pulmonary Infections and Tuberculosis (PI-TB) | A 15-year Retrospective Analysis Of Tuberculosis Patients At A Public-private Matrix Tb Dots Center In Pasig City, Philippines   |
| 11:35 | Harley Kwok, MSc             | 430 | United Kingdom     | Pulmonary Rehabilitation (PR)                 | Effects of Comorbidity on Programme Completion in Chronic Obstructive Pulmonary Disease (COPD) Patients Undergoing Pulmonary Rehabilitation  |
| 11:40 | Walter Sepulveda Loyola, PhD | 431 | Chile              | Pulmonary Rehabilitation (PR)                 | Balance Training In Patients With COPD: A Systematic Review And Meta-analysis  |
| 11:45 | Robson Prudente, PT, PhD*    | 432 | Brazil             | Pulmonary Rehabilitation (PR)                 | Effects of Creatine Supplementation on Fatigue Related to Long COVID - Fatigue Study   |
| 11:50 | Amina Jouida, PhD            | 433 | Ireland            | Respiratory Cell and Molecular Biology (RCMB) | Mechanistic Role Of Complement Cascade In Pre-Metastatic Niche Establishment Through The Induction Of Epithelial-To-Mesenchymal Transition By Circulating Extracellular Vesicles In Lymphangioleiomyomatosis (LAM) |
| 11:55 | Yoshiki Ikeyama, MD          | 434 | Japan              | Respiratory Cell and Molecular Biology (RCMB) | Oxidized Mitochondrial DNA as an Endogenous Factor in Acute Exacerbation of Pulmonary Fibrosis   |
| 12:00 | Cynthia Samary, PhD*         | 435 | Brazil             | Respiratory Structure and Function (RSF)      | Impact Of Hypoxemia, Normoxia, And Moderate To Severe Hyperoxemia On Brain-lung Crosstalk In Experimental Acute Focal Ischemic Stroke  |
| 12:05 | Sophie Collins, PhD          | 436 | Canada             | Respiratory Structure and Function (RSF)      | Association of a Novel Index of Early-life Growth Conditions With Later-life Lung Structure and Function   |
| 12:10 | Bastien Lechat, PhD          | 437 | Australia          | Sleep and Respiratory Neurobiology (SRN)      | Rising Temperatures Are Associated With Increased Burden Of Obstructive Sleep Apnea  |
| 12:15 | Hyun Seok Kwak, M.D.         | 438 | Korea, Republic of | Thoracic Oncology (TO)                        | Identifying Risk Factors For Lung Cancer In Never-smokers: A Case-control Study  |
| 12:20 | So Yeon Kim, MD              | 439 | Korea, Republic of | Thoracic Oncology (TO)                        | Growth and Clinical Outcomes of Screen-detected Pulmonary Subsolid Nodules After 5 Years of Stability  |

An asterisk (\*) denotes a MECOR participant. You can learn more about the ATS MECOR Program here: [American Thoracic Society | MECOR \(Global Health\)](#)