

FRIDAY, MAY 17, 2024

Post Graduate Course

PG6: COPD 2024: State of the Art • 8:00AM-4:00PM

San Diego Convention Center, Room 2 (Upper Level)

Chair: **Frank Scirba, MD**; Univ. of Pittsburgh Med Ctr, Pittsburgh, PA

9:25-9:30AM	<i>Physiologic Impairment in COPD, Beyond FEV1</i>	Frank Scirba, MD Univ. of Pittsburgh Med Ctr, Pittsburgh, PA
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SATURDAY, MAY 18, 2024

Post Graduate Course

PG11: State of the Art in Cardiopulmonary Exercise Testing: Principles and Best Practices • 8:00AM-4:00PM

San Diego Convention Center, Room 1A-B (Upper Level)

8:45-9:30AM	<i>Exercise and the Heart: Invasive CPET</i>	Michael G. Risbano, MD, MA. Univ. of Pittsburgh, Pittsburgh, PA
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Post Graduate Course

PG13: Type 2 Asthma and Beyond: Molecular Mechanisms, Physiology, and Treatment

8:00AM-4:00PM

San Diego Convention Center, Room 8 (Upper Level)

11:20-11:50AM	<i>Molecular Phenotyping in Asthma</i>	Sally E. Wenzel, MD, ATSF. Univ of Pittsburgh, Pittsburgh, PA
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Opening Ceremony 4:30-5:30pm

San Diego Convention Center Ballroom B-D (Upper Level)

ATS Jo Rae Wright Award for Outstanding Science: Georgios Kitsios, MD, PhD

SUNDAY, MAY 19, 2024

Clinical Topics in Pulmonary Medicine (Sun 5/19)

A3: FELLOWS CASE CONFERENCE • 9:15AM-10:45AM

San Diego Convention Center, Room 6A (Upper Level)

9:15-10:45 AM	<i>Take My Breath Away</i>	C Cene-Kush, R. Ramonell, S. Maximous PACCSM, Pittsburgh, PA
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Mini Symposium (Sun 5/19)

A17: COPD Chronicles: Decoding the Pathogenesis of a Complex Disease • 9:15AM-11:15AM

Marriott Marquis San Diego Marina, Grand Ballrooms 2-4 (Lobby Level, North Tower)

9:27-9:39AM	<i>Muc5b Suppresses Alveolar Regeneration by Club Cells in COPD</i>	Hu ¹ , N. Liu ¹ , J. Needell ¹ , M. Koenigshoff² , C. M. Evans ¹ ; ¹ Division of Pulmonary Sciences and Critical Care Medicine, University of Colorado School of Medicine, Aurora, CO, United States, ² Div of Pulmonary, Allergy & Critical Care Med, Univ of Pittsburgh Medical Center, Pittsburgh, PA, United States.
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Poster Discussion Session (Sun 5/19) A21: Health Services Research: Highlights of Epidemiology, Population Health, Cost, and Outcomes San Diego Convention Center, Room 25A-C (Upper Level)		
9:15-11:15AM	<i>Trends in All-cause Mortality Among U.S. Veterans with Sarcoidosis From 2004-2022</i>	M. I. Seedahmed¹ , M. T. Albirair ² , A. D. Baugh ³ , W. F. Gellad ⁴ , M. A. Whooley ⁵ , C. E. McCulloch ⁶ , L. L. Koth ⁷ , M. Arjomandi ⁸ ; ¹ Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh and Pittsburgh Veterans Affairs Healthcare System, Pittsburgh, PA, United States, ² Department of Global Health, University of Washington, Seattle, WA, United States, ³ Internal Medicine, University of California San Francisco, San Francisco, CA, United States, ⁴ Medicine - Division of General Internal Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁵ Medicine, University of California San Francisco, San Francisco, CA, United States, ⁶ Department of Epidemiology & Biostatistics, University of California San Francisco, California, San Francisco, CA, United States, ⁷ Medicine - Pulmonary, Critical Care, Allergy, and Sleep Medicine, University of California San Francisco, San Francisco, CA, United States, ⁸ San Francisco VA Medical Center, University of California San Francisco, San Francisco, CA, United States.
RAPiD Poster Discussion Session (Sun 5/19) A22: Critical Care Medicine: Advancing Behavioral Sciences and Health Service Research Highlights of Epidemiology, Population Health, Cost, and Outcomes • 9:15AM-11:15AM San Diego Convention Center, Room 28C-E (Upper Level)		
9:15-11:15AM	<i>Perspectives of Family Decision-Makers Around Prolonged Ventilatory Support</i>	A. C. Moale¹, B. J. McVerry¹ , R. M. Arnold ² , D. B. White ³ , R. D. Boss ⁴ , C. E. Kurukulasuriya ⁵ , M. N. Layshock ⁵ , S. Cheng ⁵ , J. C. Chang ⁶ ; ¹ Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, Department of Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Div. of General Internal Medicine, Dept. of Medicine, Section of Palliative Care and Medical Ethics, Palliative Care Research Center, University of Pittsburgh Medical Center Palliative and Supportive Institute, University of Pittsburgh, Pittsburgh, PA, United States, ³ Department of Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ Department of Pediatrics, Johns Hopkins University School of Medicine, Baltimore, MD, United States, ⁵ Department of Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ⁶ Department of Obstetrics, Gynecology & Reproductive Sciences, and Internal Medicine, University of Pittsburgh Medical Center Magee-Womens Hospital, Pittsburgh, PA, United States.
Poster Discussion Session (Sun 5/19) A23: Investigating Heterogeneity in Sepsis and Pneumonia: Trials, Cohorts, and Patient-Oriented Research • 9:15AM-11:15AM Moderator: Georgios Kitsios, MD, PhD , Pulmonary Allergy and Critical Care Medicine, Pittsburgh. PA San Diego Convention Center, Room 31A-C (Upper Level)		
9:15-11:15AM	<i>Circulating Glucagon-Like Peptide 1 Predicts Mortality in Critically Ill Patients with Acute Respiratory Failure</i>	C. Hansell ¹ , G. D. Kitsios², W. Bain², Y. Zhao¹, T. L. Suber², J. Evankovich², A. Morris², P. Ray³, A. Ray², N. Prendergast², M. K. Hensley², N. Petro¹, J. J. Patel⁴, S. Nouriae², C. S. Dela Cruz², B. J. Mcverry², Y. Zhang², F. A. Shah² ; ¹ University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ³ Immunology, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ Pulmonary and Critical Care, Medical College of Wisconsin, Milwaukee, WI, United States.

9:15-11:15AM	<i>Tolerance, Resistance, and Damage Pathways in Clinical Sepsis Subtypes</i>	J. N. Kennedy ¹ , R. Powell² , K. Urbanek ¹ , C. W. Seymour ¹ ; ¹ Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
9:15-11:15AM	<i>Assessment of Clinical Sepsis Subtypes and Individualized Treatment Effects in a Multicenter Trial of Early Goal Directed Therapy</i>	F. A. Shah¹ , V. B. Talisa ¹ , J. N. Kennedy ¹ , C. H. Chang ¹ , S. Triantafyllou ² , L. Tang ¹ , F. B. Mayr ¹ , A. M. Higgins ³ , S. Peake ³ , P. Mouncey ⁴ , D. Harrison ⁴ , G. F. Cooper ¹ , R. Bellomo ³ , K. M. Rowan ⁴ , D. M. Yealy ¹ , D. C. Angus ¹ , C. W. Seymour ¹ , S. Yende ¹ ; ¹ University of Pittsburgh, Pittsburgh, PA, United States, ² University of Crete, Crete, Greece, ³ Australian and New Zealand Intensive Care Research Centre, Monash University, Melbourne, Australia, ⁴ Intensive Care National Audit & Research Centre, London, United Kingdom.

Poster Discussion Session (Sun 5/19)

A26: IMPROVING OUTCOMES IN SARCOIDOSIS, RARE LUNG DISEASE AND LUNG TRANSPLANT • 9:15AM-11:15AM
San Diego Convention Center, Room 30C-E (Upper Level)

9:15-11:15AM	<i>Increased Incidence of Squamous Cell Carcinoma in Idiopathic Pulmonary Fibrosis Lung Transplant Recipients with Short Telomeres</i>	S. Hannan ¹ , C. Iasella ² , R. Sutton ¹ , I. Popescu¹ , R. Koshy ¹ , C. Hage¹, J. Alder¹, J. McDyer¹ ; ¹ PACCSM, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² PACCM, University of Pittsburgh School of Pharmacy, Pittsburgh, PA, United States.
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Poster Discussion Session (Sun 5/19)

A27: EMERGING TREATMENTS AND THERAPEUTIC STRATEGIES IN COPD: RESULTS OF CLINICAL TRIALS AND OBSERVATIONAL STUDIES • 9:15AM-11:15AM
San Diego Convention Center, Room 33A-C (Upper Level)

9:15-11:15AM	<i>Impact of Race-neutral Spirometry Reference Equations on Eligibility for Chronic Obstructive Pulmonary Disease (COPD) Clinical Trials</i>	C. M. Karoleski ¹ , S. Rajan ¹ , C. A. Rapoza ² , J. Radder ³ , W. Slivka ⁴ , J. E. Radder⁵, J. Bon⁵ , S. P. Bhatt ⁶ , F. C. Scieurba⁷ ; ¹ Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Emphysema COPD Research Center, University of Pittsburgh, Pittsburgh, PA, United States, ³ Department of Medicine, UPMC, Pittsburgh, PA, United States, ⁴ Pulmonary, Allergy, Sleep and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁵ University of Pittsburgh, Pittsburgh, PA, United States, ⁶ Pulmonary, Allergy and Critical Care Medicine, University of Alabama at Birmingham, Birmingham, AL, United States, ⁷ University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
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RCMB Rising Star Award (Sun 5/19)

1:00-2:00 pm - Networking Super Center, Learning Studio: **Corrine Kliment, MD PhD**

PI-TB Rising Star Award: Ioannis Konstantinidis, MD MS

Thematic Poster Session (Sun 5/19)

A32: BENCH TO BEDSIDE IN ILD • 9:15AM-4:15PM

San Diego Convention Center, Area L (Hall H, Ground Level)

11:30AM-1:15PM	<i>A Unique Phenotype of Sarcoidosis with Elevated Serum IgG4</i>	M. O. Al-Qadi, M. I. Seedahmed ; Medicine, University of Pittsburgh, Pittsburgh, PA, United States
11:30AM-1:15PM	<i>Identifying a Genetic Link Between Lung Function and Psoriasis</i>	K. Tanimura¹ , M. C. Aldrich ² , J. Jaworski ² , S. Okawa ¹ , J. K. Alder¹, D. Chandra¹, M. Nourai¹, T. Nyunoya¹ ; ¹ Department of Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Department of Medicine, Vanderbilt University Medical Center, Nashville, TN, United States.

Thematic Poster Session (Sun 5/19) A33: PUSHING THE IMMUNE SYSTEM TO THE LIMIT: CASE STUDIES • 9:15AM-4:15PM San Diego Convention Center, Area L (Hall H, Ground Level)		
11:30AM-1:15PM	<i>Immune Cell Recovery in an Adult CGD Patient After T Cell Depleted Vertebral Bone Marrow Transplant (BMT) Following Bilateral Orthotopic Lung Transplant (BOLT) From the Same Partially HLA-matched Cadaveric Donor</i>	P. Szabolcs ¹ , J. F. Mcdyer ² , N. Hogue ¹ , S. Hannan ³ , S. McIntyre ⁴ , E. Garchar ¹ , X. Chen ¹ ; ¹ BMT&CT, Children's Hospital of Pittsburgh, UPMC, Pittsburgh, PA, United States, ² University of Pittsburgh, Pittsburgh, PA, United States, ³ PACCM, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ BMT&CT, Shawna McIntyre, Pittsburgh, PA, United States
Thematic Poster Session (Sun 5/19) A34: LATE BREAKING ABSTRACTS IN ASTHMA AND ALLERGIC INFLAMMATION • 9:15AM-4:15PM San Diego Convention Center, Area D (Hall A-B2, Ground Level)		
11:30AM-1:15PM	<i>Pathogenic Potential of CD8+ TEMRAs In Severe Asthma</i>	R. P. Ramonell, T. B. Oriss, B. Schlegel, J. C. McCreary-Partyka, S. L. Kale, L. Fan, M. Gauthier, D. Rajasundaram, K. Chen, S. E. Wenzel, A. Ray; University of Pittsburgh, Pittsburgh, PA, United States
Thematic Poster Session (Sun 5/19) A39: EDUCATING THE EDUCATORS: ADVANCES IN CRITICAL CARE MEDICAL EDUCATION • 9:15AM-4:15PM San Diego Convention Center, Area D (Hall H, Ground Level)		
11:30AM-1:15PM	<i>A Comparison of Ventilator Interpretation Skills Between Attending Intensivists and Incoming Critical Care Fellows</i>	R. Amirahmadi ¹ , M. Alnababteh ¹ , M. Keller ¹ , K. Bagavathy ² , S. Safadi ³ , B. S. Staitieh ⁴ , S. Maximous ⁵ , E. Kriner ⁶ , C. J. Woods ⁷ , E. S. Oweis ⁸ , M. P. Schreiber ⁹ , N. Seam ¹ , B. W. Lee ¹ ; ¹ Critical Care Medicine Department, National Institutes of Health, Bethesda, MD, United States, ² Pulmonary, Critical Care and Sleep Medicine, University of Southern California, Los Angeles, CA, United States, ³ Nephrology and Hypertension, University of Minnesota, Minneapolis, MN, United States, ⁴ Pulmonary, Allergy, and Critical Care Medicine, Emory University, Atlanta, GA, United States, ⁵ Department of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁶ MedStar Washington Hospital Center, Washington, DC, United States, ⁷ Washington Hospital Center, Washington, DC, United States, ⁸ Medicine/Pulmonary, MedStar Washington Hospital Center, Washington, DC, United States, ⁹ Critical Care, MedStar Washington Hospital Center, Washington, DC, United States.
11:30AM-1:15PM	<i>Impact of a Summer Mechanical Ventilation Course on Critical Care Attending and Fellow Ventilator Knowledge</i>	R. Amirahmadi ¹ , M. Alnababteh ¹ , M. Keller ¹ , K. Bagavathy ² , S. Safadi ³ , B. S. Staitieh ⁴ , S. Maximous ⁵ , E. Kriner ⁶ , C. J. Woods ⁷ , E. S. Oweis ⁸ , M. P. Schreiber ⁹ , N. Seam ¹ , B. W. Lee ¹ ; ¹ Critical Care Medicine, National Institutes of Health, Bethesda, MD, United States, ² Pulmonary, Critical Care and Sleep Medicine, University of Southern California, Los Angeles, CA, United States, ³ Nephrology and Hypertension, University of Minnesota, Minneapolis, MN, United States, ⁴ Pulmonary, Allergy, and Critical Care Medicine, Emory University, Atlanta, GA, United States, ⁵ Department of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁶ MedStar Washington Hospital Center, Washington, DC, United States, ⁷ Critical Care Medicine, MedStar Washington Hospital Center, Washington, DC, United States, ⁸ Pulmonary and Critical Care Medicine, MedStar Washington Hospital Center, Washington, DC, United States, ⁹ Critical Care, MedStar Washington Hospital Center, Washington, DC, United States.

<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A43: SHOCK AND AWE: NOVEL SHOCK CASES IN THE ICU • 9:15AM-4:15PM</p> <p>Facilitator: William Bain, MD, University of Pittsburgh, Pittsburgh, PA • 11:30AM-1:15PM</p> <p>San Diego Convention Center, Area K (Hall H, Ground Level)</p>		
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A48: COPD EXACERBATIONS AND HOSPITALIZATIONS: DETERMINANTS AND DRIVERS • 9:15AM-4:15PM</p> <p>Facilitator: Divay Chandra, MD, MSc, University of Pittsburgh Medical Center, Pittsburgh, PA • 11:30AM-1:15PM</p> <p>San Diego Convention Center, Area B (Hall A-B2, Ground Level)</p>		
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A50: ALL ABOUT EFFUSIONS: BILE, CHYLE, URINE, PANCREATIC FLUID, AND OTHER RARE CASE REPORTS 9:15AM-4:15PM</p> <p>Facilitator: Daniel G Dunlap, MD, University of Pittsburgh, Pittsburgh, PA • 11:30AM-1:15PM</p> <p>San Diego Convention Center, Area B (Hall A-B2, Ground Level)</p>		
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A56: BUZZING THE TOWER: NOVEL DIAGNOSTIC AND MONITORING TOOLS IN PH • 9:15AM-4:15PM</p> <p>San Diego Convention Center, Area F (Hall A-B2, Ground Level)</p>		
11:30AM-1:15PM	<i>Assessment of Submaximal Cardiopulmonary Hemodynamics in Patients with Exercise Pulmonary Hypertension</i>	L. Campedelli¹ , C. Hansell ² , M. G. Risbano³ ; ¹ Pulmonary, Allergy and Critical Care, University of Pittsburgh, Pittsburgh, PA, United States, ² UPMC - Internal Medicine, Pittsburgh, PA, United States, ³ Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A58: EXPANDING OUR RE(PERT)OIRES IN SAN DIEGO: NOVEL CLINICAL DISCOVERIES IN PULMONARY EMBOLISM 9:15AM-4:15PM</p> <p>San Diego Convention Center, Area F (Hall A-B2, Ground Level)</p>		
11:30AM-1:15PM	<i>Prognostic Value of Tricuspid Annular Plan Systolic Excursion/Right Ventricular Systolic Pressure Ratio in Acute Pulmonary Embolism</i>	K. Santerian ¹ , K. U. Lio ¹ , B. Rivera-Lebron² , S. Brosnahan ³ , P. Rali ⁴ ; ¹ Department of Medicine, Temple University Hospital, Philadelphia, PA, United States, ² Division of Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³ Division of Pulmonary, Critical Care and Sleep Medicine, New York University Langone Health, New York, NY, United States, ⁴ Department of Thoracic Medicine and Surgery, Lewis Katz School of Medicine at Temple University, Philadelphia, PA, United States.
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A59: WAITING FOR SUNSET AT LA JOLLA: LATE BREAKING ABSTRACTS • 9:15AM-4:15PM</p> <p>Facilitator: Michael G. Risbano, MD, MA, University of Pittsburgh, Pittsburgh, PA • 11:30AM-1:15pm</p> <p>San Diego Convention Center, Area F (Hall A-B2, Ground Level)</p>		
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A65: FUNGI CHRONICLES • 9:15AM-4:15PM</p> <p>Lead Facilitator: Chadi A. Hage, MD, University of Pittsburgh, Pittsburgh, PA • 11:30AM-1:15pm</p> <p>San Diego Convention Center, Area I (Hall H, Ground Level)</p>		
11:30AM-1:15PM	<i>A Growing Concern: Solitary Pulmonary Nodule Caused by Pneumocystis Jirovecii in an Immunocompromised Patient</i>	N. Singh¹ , R. P. Ramonell¹ , B. Cody ² , D. G. Dunlap¹ ; ¹ Pulmonary, Allergy, Sleep and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Pathology, University of Pittsburgh, Pittsburgh, PA, United States.

<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A68: UNVEILING NOVEL AVENUES IN IPF THERAPIES • 9:15AM-4:15PM</p> <p>Lead Facilitator: Daniel Kass, MD, University of Pittsburgh, Pittsburgh, PA • 11:30AM-1:15pm</p> <p>San Diego Convention Center, Area E (Hall A-B2, Ground Level)</p>		
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A71: CUTTING EDGE TECHNOLOGIES FOR LUNG DISCOVERY • 9:15AM-4:15PM</p> <p>Facilitator: Kambez Hajipouran Benam, DPhil, University of Pittsburgh, Pittsburgh, PA • 11:30AM-1:15pm</p> <p>San Diego Convention Center, Area E (Hall A-B2, Ground Level)</p>		
11:30AM-1:15PM	<i>Direct Lung Explant Culture Is an Efficacious Model for Testing Therapeutics in Primary SSc-ILD Tissue</i>	E. Valenzi¹ , T. Tabib ¹ , R. A. Lafyatis ² ; ¹ Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Medicine/Rheumatology, University of Pittsburgh, Pittsburgh, PA, United States.
11:30AM-1:15PM	<i>Testing the Viability and Efficacy of Small Molecule Inhibitors in T-cells in Cryopreserved Precision Cut Lung Slices: New Insights for Long Term-storage Lung Organoids</i>	J. D. Cala Garcia ¹ , C. F. Arce Deza ¹ , A. R. Waich ¹ , F. Poli ² , R. E. Cardenas Castillo ³ , K. Tsoyi ¹ , R. H. Pineda⁴ , M. Koenigshoff⁵ , I. O. Rosas ¹ , L. J. Celada ¹ ; ¹ Pulmonary, Critical Care and Sleep Medicine Department., Baylor College of Medicine, Houston, TX, United States, ² Internal Medicine, Mount Sinai Medical Center, Miami, FL, United States, ³ Department of Medicine, DHR Health, McAllen, TX, United States, ⁴ Div of Pulmonary, Allergy & Critical Care Med, University of Pittsburgh, Pittsburgh, PA, United States, ⁵ Div of Pulmonary, Allergy & Critical Care Med, Univ of Pittsburgh Medical Center, Pittsburgh, PA, United States.
<p><u>Thematic Poster Session</u> (Sun 5/19)</p> <p>A72: EPITHELIAL CELLS: KEY CULPRITS IN PULMONARY FIBROSIS • 9:15AM-4:15PM</p> <p>Facilitator: Jonathan K. Alder, PhD, University of Pittsburgh Medical Center, Pittsburgh, PA • 11:30AM-1:15pm</p> <p>San Diego Convention Center, Area E (Hall A-B2, Ground Level)</p>		
<p><u>Scientific Symposium</u> (Sun 5/19)</p> <p>A90: METABOLITE INTERACTIONS IN HEALTH AND DISEASE: UNVEILING THE MUTUAL FEEDING BETWEEN HOST AND MICROBIOTA • 2:15-3:45pm</p> <p>Marriott Marquis San Diego Marina, Grand Ballroom 11-13 (Lobby Level, North Tower)</p>		
3:09PM-3:27pm	<i>Metabolomic Profiles in Serum that Indicate Defects in Fatty Acid Oxidation Distinguish Subphenotypes of Acute Respiratory Distress Syndrome</i>	Tomeka Lynette Suber, MD, PhD . University of Pittsburgh Medical Center, Pittsburgh, PA
<p><u>Mini Symposium</u> (Sun 5/19)</p> <p>A93: CRITICAL CARE AND ACUTE CARE MEDICINE: DISPARITIES, QUALITY IMPROVEMENT, AND OUTCOMES • 2:15PM-4:15pm</p> <p>San Diego Convention Center, Room 7A-B (Upper Level)</p>		
2:15PM-2:27PM	<i>Significant Disparities Exist in Primary Care Provider Follow-up After Veterans Experience Sepsis</i>	M. F. Brucato ¹ , H. Naiditch² , V. B. Talisa ³ , B. Tyler ⁴ , J. R. Hotchkiss ⁵ , F. B. Mayr ¹ , Z. Hahn ⁴ ; ¹ Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ³ Biostatistics, University of Pittsburgh School of Public Health, Pittsburgh, PA, United States, ⁴ VA Maine Healthcare System, Togus, ME, United States, ⁵ VA Pittsburgh Healthcare System, Pittsburgh, PA, United States.

3:03PM-3:15PM	<i>Subtyping Physician Practice Patterns in the Intensive Care Unit</i>	K. Soni ¹ , B. S. Davis ² , L. A. Bukowski ² , J. M. Levin ³ , K. M. Potter ² , J. M. Kahn ² ; ¹ Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³ University of California San Diego Rady School of Management, San Diego, CA, United States.
Mini Symposium (Sun 5/19) A94: OPTIMIZING ICU PRACTICE, TEAMS, AND INFRASTRUCTURE • 2:15PM-4:15PM Moderator: Niall Prendergast, MD , University of Pittsburgh, Pittsburgh, PA San Diego Convention Center, Room 32A-B (Upper Level)		
Mini Symposium (Sun 5/19) A96: IMPROVING THE CARE OF PATIENTS WITH DIVERSE PULMONARY CONDITIONS AND SLEEP DISORDERED BREATHING • 2:15PM-4:15pm San Diego Convention Center, Room 8 (Upper Level)		
2:39PM-2:51PM	<i>Continuous Positive Airway Pressure (CPAP) Adherence in Women: Associations With Insomnia, Fatigue, Depression, and Excessive Daytime Sleepiness</i>	J. L. Morris ¹ , P. Scott ¹ , S. R. Patel ² ; ¹ School of Nursing, University of Pittsburgh, Pittsburgh, PA, United States, ² PACCSM Division, Univ of Pittsburgh Medical Center, Pittsburgh, PA, United States.
Mini Symposium (Sun 5/19) A99: LOOKING UNDER THE HOOD: DIAGNOSTIC TOOLS TO PHENOTYPE SEVERE ASTHMA • 2:15PM-4:15PM Marriott Marquis San Diego Marina, Pacific Ballroom 24-26 (Ground Floor, North Tower)		
2:15PM-2:27PM	<i>Thickening of the Basement Membrane Zone in Asthma Is Associated with Type 2 Inflammation and Increased Bronchomotor Tone</i>	C. Leung ¹ , W. Finkbeiner ² , A. R. Charbit ³ , E. Israel ⁴ , B. D. Levy ⁵ , L. C. Denlinger ⁶ , N. N. Jarjour ⁷ , S. E. Wenzel ⁸ , K. Sumino ⁹ , M. Castro ¹⁰ , S. C. Erzurum ¹¹ , W. C. Moore ¹² , A. Hastie ¹³ , D. T. Mauger ¹⁴ , E. A. Hoffman ¹⁵ , J. B. Andersen ¹⁶ , P. Woodruff ¹⁷ , J. V. Fahy ¹⁸ ; ¹ Division of Pulmonary, Critical Care, Allergy and Sleep Medicine, University of California San Francisco, San Francisco, CA, United States, ² Department of Pathology, University of California San Francisco, San Francisco, CA, United States, ³ Cardiovascular Research Institute, University California San Francisco, San Francisco, CA, United States, ⁴ Division of Pulmonary and Critical Care Medicine, Department of Medicine, Brigham and Women's Hospital, Boston, MA, United States, ⁵ Brigham and Womens Hosp, Boston, MA, United States, ⁶ Medicine, University of Wisconsin-Madison, Madison, WI, United States, ⁷ Univ of Wisconsin Hosps & Clinics, Madison, WI, United States, ⁸ Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States, ⁹ Washington Univ in St Louis, Saint Louis, MO, United States, ¹⁰ Pulmonary Critical Care & Sleep Medicine, Univ of Kansas, Kansas City, KS, United States, ¹¹ Cleveland Clinic Foundation, Cleveland, OH, United States, ¹² Pulmonary and Critical Care Medicine, Wake Forest Sch of Med, Winston-Salem, NC, United States, ¹³ Division of Pulmonary, Critical Care, Allergy, and Immunologic Diseases, Wake Forest University School of Medicine, Winston-Salem, NC, United States, ¹⁴ Division of Biostatistics and Bioinformatics, Penn State College of Medicine, The Pennsylvania State University, Hershey, PA, United States, ¹⁵ Radiology, Univ of Iowa Carver Coll of Med, Iowa City, IA, United States, ¹⁶ Visiopharm, Hørsholm, Denmark, ¹⁷ Medicine, University of California, San Francisco, San Francisco, CA, United States, ¹⁸ Pulmonary and Critical Care Medicine, Univ of California At San Francisco, San Francisco, CA, United States.

<p>2:27PM- 2:39PM</p>	<p><i>Defining Structure-function Consequences of T2 Inflammation in Asthma by qCT Machine Learning in the Severe Asthma Research Program (SARP3)</i></p>	<p>J. S. Boomer¹, J. Choi², D. Lee¹, S. A. Christenson³, B. Huang⁴, C. Hall⁵, C. Leung⁶, C. Lin⁷, E. A. Hoffman⁸, S. B. Fain⁹, B. Elicker¹⁰, T. Henry¹¹, S. K. Nagle¹², M. Schiebler¹², J. D. Newell¹³, J. G. Krings¹⁴, L. C. Denlinger¹⁵, E. Israel¹⁶, N. N. Jarjour¹⁷, B. D. Levy¹⁶, D. Mauger¹⁸, S. E. Wenzel¹⁹, A. T. Hastie²⁰, P. Woodruff²¹, J. V. Fahy²², M. Castro²³; ¹Pulmonary Critical Care Sleep Medicine, University of Kansas Medical Center, Saint Louis, MO, United States, ²Internal Medicine, University of Kansas School of Medicine, Kansas City, KS, United States, ³Division of Pulmonary, Critical Care, Allergy, and Sleep Medicine, University of California - San Francisco, San Francisco, CA, United States, ⁴Pulmonary & Critical Care, UCSF, San Francisco, CA, United States, ⁵Pulmonary Critical Care and Sleep Medicine, University of Kansas Medical Center, Kansas City, KS, United States, ⁶Division of Pulmonary, Critical Care, Allergy and Sleep Medicine, University of California San Francisco, San Francisco, CA, United States, ⁷Mechanical Engineering, The University of Iowa, Iowa City, IA, United States, ⁸Radiology, Univ of Iowa Carver Coll of Med, Iowa City, IA, United States, ⁹Radiology, Univ of Iowa, Iowa City, IA, United States, ¹⁰Radiology & Biomedical Imaging, University of California, San Francisco, San Francisco, CA, United States, ¹¹Radiology and Imaging Sciences, University of California San Francisco, San Francisco, CA, United States, ¹²Radiology, University of Wisconsin, Madison, WI, United States, ¹³Radiology, University of Iowa, Iowa City, IA, United States, ¹⁴Louis Sch of Medicine, Washington University in St. Louis, Saint Louis, MO, United States, ¹⁵Medicine, University of Wisconsin-Madison, Madison, WI, United States, ¹⁶Brigham and Womens Hosp, Boston, MA, United States, ¹⁷Univ of Wisconsin Hosps & Clinics, Madison, WI, United States, ¹⁸Public Health Sciences, Pennsylvania State University, Hershey, PA, United States, ¹⁹Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States, ²⁰Dept Int Med - Pulmonary, Wake Forest School of Medicine, Winston Salem, NC, United States, ²¹Medicine, University of California, San Francisco, San Francisco, CA, United States, ²²Pulmonary and Critical Care Medicine, Univ of California At San Francisco, San Francisco, CA, United States, ²³Pulmonary Critical Care & Sleep Medicine, Univ of Kansas, Kansas City, KS, United States.</p>
<p>3:51PM- 4:03PM</p>	<p><i>Quantitative CT and Computational Fluid Dynamics Cluster Analysis Discriminated Three Asthma Phenotypes</i></p>	<p>D. H. Lee¹, J. Choi¹, B. Huang², A. Abdolijomoor¹, C. Hall¹, P. J. Niedbalski¹, E. A. Hoffman³, S. B. Fain³, C. Lin⁴, L. C. Denlinger⁵, E. Israel⁶, N. N. Jarjour⁷, B. D. Levy⁶, D. T. Mauger⁸, S. E. Wenzel⁹, J. V. Fahy², M. Castro¹, NHLBI Severe Asthma Research Program (SARP) III; ¹Pulmonary, Critical Care and Sleep Medicine, University of Kansas School of Medicine, Kansas City, KS, United States, ²Pulmonary and Critical Care Medicine, University of California At San Francisco, San Francisco, CA, United States, ³Radiology, University of Iowa Carver College of Medicine, Iowa City, IA, United States, ⁴Mechanical Engineering, University of Iowa, Iowa City, IA, United States, ⁵Medicine, University of Wisconsin-Madison, Madison, WI, United States, ⁶Pulmonary and Critical Care Medicine, Brigham and Women's Hospital, Boston, MA, United States, ⁷Allergy, Pulmonary and Critical Care Medicine, University of Wisconsin Hospitals & Clinics, Madison, WI, United States, ⁸Public Health Sciences, Penn State University College of Medicine, Hershey, PA, United States, ⁹Environmental and Occupational Health, University of Pittsburgh, Pittsburgh, PA, United States.</p>

Poster Discussion Session (Sun 5/19) A101: FULL METAL JACKET TARGETING COPD AND CHRONIC AIRWAYS DISEASE • 2:15PM-4:15PM San Diego Convention Center, Room 30C-E (Upper Level)		
2:15PM-4:15PM	<i>Quantitative Computed Tomography Characteristics of Persistent Airflow Obstruction in Asthma Patients in the Severe Asthma Research Program</i>	J. Cedano ¹ , J. Choi ¹ , J. Johnstone ¹ , J. G. Krings ² , J. S. Boomer ¹ , D. Mauger ³ , L. B. Bacharier ⁴ , C. Hall ¹ , J. V. Fahy ⁵ , G. R. Washko ⁶ , E. A. Hoffman ⁷ , S. E. Wenzel ⁸ , S. B. Fain ⁷ , L. C. Denlinger ⁹ , E. Israel ⁶ , S. Christenson ⁵ , B. Huang ⁵ , B. D. Levy ⁶ , M. Castro ¹ , Severe Asthma Research Program group; ¹ University of Kansas, Kansas City, KS, United States, ² Washington University in St. Louis, Saint Louis, MO, United States, ³ Pennsylvania State University, Hershey, PA, United States, ⁴ Pediatrics, Vanderbilt University Medical Center, Nashville, TN, United States, ⁵ University of California- San Francisco, San Francisco, CA, United States, ⁶ Brigham & Womens Hospital, Boston, MA, United States, ⁷ University of Iowa, Iowa City, IA, United States, ⁸ University of Pittsburgh, Pittsburgh, PA, United States, ⁹ University of Wisconsin-Madison, Madison, WI, United States.
2:15PM-4:15PM	<i>On-chip Reconstitution of Hematopoietic Niche for Real-time Leukocyte Mobilization Analysis</i>	K. Hajipouran Benam , B. F. Niemeyer, Q. Vo, T. Saleh, H. Mahvizani, D. Hu, R. J. Jimenez-Valdes ; University of Pittsburgh, Pittsburgh, PA, United States
Poster Discussion Session (Sun 5/19) A102: EVALUATING THE INTERSECTION BETWEEN AUTOIMMUNITY, IMMUNODEFICIENCY, AND INTERSTITIAL LUNG DISEASES • 2:15PM-4:15PM Moderator: Daniel Kass, MD , University of Pittsburgh, Pittsburgh, PA San Diego Convention Center, Room 31A-C		
2:15PM-4:15PM	<i>Enhanced T Cell 'Stem-ness' in Secondary Lymphoid Compartment of Patients with Idiopathic Pulmonary Fibrosis</i>	J. Okereke¹, A. Craig², Z. Lakkis², M. Abbas², J. Sembrat³, D. Kass¹, M. E. Snyder¹ ; ¹ Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² University of Pittsburgh, Pittsburgh, PA, United States, ³ Pulmonary Allergy & Critical Care Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States.
Poster Discussion Session (Sun 5/19) A107: INFECTIONS IN THE IMMUNOSUPPRESSED AND IMMUNOCOMPROMISED HOST • 2:15-4:15PM Moderator: Keven M Robinson, MD , University of Pittsburgh, Pittsburgh, PA San Diego Convention Center, Room 11A-B (Upper Level)		
2:15PM-4:15PM	<i>Rapid Metagenomic Sequencing (RaMSes) for Comprehensive Detection of Respiratory Pathogens in Patients with Hematologic Malignancy</i>	M. K. Hensley¹ , K. Sayed ² , G. Haidar³ , X. Wang ⁴ , P. V. Benos ² , S. Ito ⁵ , A. Im ⁵ , E. Geramita ⁵ , C. Dela Cruz¹, A. Morris⁶, G. Kitsios⁷ ; ¹ University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Epidemiology, University of Florida, Gainesville, FL, United States, ³ Infectious Diseases, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ Internal Medicine, Division of Pulmonary and Critical Care, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁵ Hematology/Oncology, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁶ Div of Pulm Allergy & Crit Care, Univ of Pittsburgh, Pittsburgh, PA, United States, ⁷ Pulmonary Allergy and Critical Care Medicine, Pittsburgh, PA, United States.
2:15PM-4:15PM	<i>Association of Plasma and Lung Metabolome with Pulmonary Function in Persons With HIV</i>	S. Qin¹ , S. Teeny ² , D. Jones ² , S. K. Cribbs ³ , B. Methe¹, A. Morris¹ ; ¹ Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Medicine, Emory University, Atlanta, GA, United States, ³ Medicine, Emory University/Department of Veterans Affairs, Decatur, GA, United States.

Poster Discussion Session (Sun 5/19)		
A108: COPD PATHOGENESIS: OPENING THE PANDORA BOX • 2:15PM-4:15PM		
San Diego Convention Center, Room 5A-B (Upper Level)		
2:15PM-4:15PM	<i>Mitochondrial Adenine Nucleotide Translocase 2 (ANT2) Increases Alveolar Epithelial Cell Susceptibility to Ferroptosis in COPD</i>	U. Mbaekwe, J. Shi, J. Sui, N. Oury, Q. Hu, M. Koenigshoff, C. R. Kliment; Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, Department of Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
2:15PM-4:15PM	<i>PABPC4: A Novel COPD Susceptibility Gene That Regulates Mitochondrial Function in Lung Epithelia at the Post-transcriptional Level</i>	A. Maloy ¹ , A. Mascilli ¹ , H. Natri ² , Y. Zhang¹ , A. Berman ¹ , S. Prabhu ¹ , M. Jurczak ¹ , S. Shiva ¹ , J. Kropski ³ , N. Banovich ² , D. Chandra¹ ; ¹ University of Pittsburgh, Pittsburgh, PA, United States, ² Translational Genomics Research Institute (TGen), Phoenix, AZ, United States, ³ Medicine, Vanderbilt University Medical Center, Nashville, TN, United States
2:15PM-4:15PM	<i>Cytoskeletal Gelsolin Is Dysregulated in Chronic Obstructive Pulmonary Disease</i>	K. Murday, J. Sui, J. Shi, Y. Zhao, Y. Zhang, F. C. Sciruba, J. Bon, C. R. Kliment; Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States.

6:00 – 9:00 PM AN EVENING RECEPTION WITH PACCSM (Sun 5/19)

[Puesto at The Headquarters](#)
789 West Harbor Drive
San Diego, CA 92101

MONDAY, MAY 20, 2024

Assemblies Teaching Competition: 11:45AM-1:15AM
 Presidio 1-2 (Second Floor, Lobby Level, North)

Filling in the Gaps: A Novel Air Pollution Curriculum for Pulmonary Fellows: **Rachel Wojcik, MD**

Scientific Symposium (Mon 5/20)		
B6: INTEGRATING EVIDENCE FROM RANDOMIZED TRIALS AND OBSERVATIONAL COHORTS IN SLEEP DISORDERED BREATHING • 9:15AM-10:45AM		
Marriott Marquis San Diego Marina, Pacific Ballroom 18-19 (Ground Floor, North Tower)		
10:39AM-10:45AM	<i>Panel Discussion: "How Do We Derive Valid Inferences That Represent Our Large and Diverse Population?"</i>	Sanjay R. Patel, MD, MS, ATSF. Univ of Pittsburgh Medical Center, Pittsburgh, PA
Late Breaking Mini Symposium (Mon 5/20)		
B14: LATE BREAKING ABSTRACTS: SCIENCE THAT WILL IMPACT CLINICAL CARE • 9:15AM-11:15AM		
Marriott Marquis San Diego Marina, Grand Ballroom 11-13 (Lobby Level, North Tower)		
10:27AM-10:39AM	<i>Enfentrine Reduces Exacerbation Frequency and Delays Progression From Gold B to Gold E</i>	F. C. Sciruba¹ , K. Rickard ² , T. Bengtsson ³ , T. Rheault ² ; ¹ Univ of Pittsburgh Med Ctr, Pittsburgh, PA, United States, ² Verona Pharma, Raleigh, NC, United States, ³ StatMind AB, Lund, Sweden

Mini Symposium (Mon 5/20) B16: NOVEL INSIGHTS INTO ASTHMA PATHOGENESIS • 9:15AM-11:15AM Marriott Marquis San Diego Marina, Pacific Ballroom 24-26 (Ground Floor, North Tower)		
9:51AM-10:03AM	<i>High Airway TSLP Levels in Asthma Associate with More Severe Disease and Multiple Biomarkers of Type 2 Inflammation</i>	K. Khanna ¹ , M. Tang ² , N. Jackson ³ , A. R. Charbit ⁴ , E. R. Bleecker ⁵ , M. Castro ⁶ , S. A. Comhair ⁷ , L. C. Denlinger ⁸ , S. C. Erzurum ⁹ , A. T. Hastie ¹⁰ , W. C. Moore ¹¹ , E. Israel ¹² , B. D. Levy ¹² , N. N. Jarjour ¹³ , M. W. Johansson ¹⁴ , D. Mauger ¹⁵ , B. R. Phillips ¹⁵ , K. Sumino ¹⁶ , S. E. Wenzel ¹⁷ , P. Woodruff ¹⁸ , M. A. Seibold ¹⁹ , J. V. Fahy ²⁰ ; ¹ University of California San Francisco, San Francisco, CA, United States, ² Pulmonary Critical Care, Allergy and Sleep Medicine, University of California San Francisco, San Francisco, CA, United States, ³ Center for Genes, Environment, and Health, National Jewish Health, Denver, CO, United States, ⁴ Cardiovascular Research Institute, University California San Francisco, San Francisco, CA, United States, ⁵ Medicine, Mayo Clinic, Scottsdale, AZ, United States, ⁶ Pulmonary Critical Care & Sleep Medicine, Univ of Kansas, Kansas City, KS, United States, ⁷ Cleveland Clinic, Cleveland, OH, United States, ⁸ Medicine, University of Wisconsin-Madison, Madison, WI, United States, ⁹ Cleveland Clinic Foundation, Cleveland, OH, United States, ¹⁰ Dept Int Med - Pulmonary, Wake Forest School of Medicine, Winston Salem, NC, United States, ¹¹ Pulmonary and Critical Care Medicine, Wake Forest Sch of Med, Winston-Salem, NC, United States, ¹² Brigham and Womens Hosp, Boston, MA, United States, ¹³ Univ of Wisconsin Hosps & Clinics, Madison, WI, United States, ¹⁴ Division of Allergy, Pulmonary and Critical Care Medicine, Department of Medicine, University of Wisconsin School of Medicine and Public Health, Madison, WI, United States, ¹⁵ Division of Statistics and Bioinformatics, Department of Public Health Sciences, Pennsylvania State University, Hershey, PA, United States, ¹⁶ Washington Univ in St Louis, Saint Louis, MO, United States, ¹⁷ Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States, ¹⁸ Medicine, University of California, San Francisco, San Francisco, CA, United States, ¹⁹ Center for Genes, Environment and Health, National Jewish Health, Denver, CO, United States, ²⁰ Pulmonary and Critical Care Medicine, Univ of California At San Francisco, San Francisco, CA, United States.
Mini Symposium (Mon 5/20) B18: BRIDGING GAPS TO IMPROVE LONG-TERM OUTCOMES • 9:15AM-11:15AM San Diego Convention Center, Room 32A-B (Upper Level)		
10:15AM-10:27AM	<i>The Post-acute Recovery Center: A Telehealth Care Model to Improve Patient-centered Outcomes for High-risk Survivors of Critical Illness</i>	H. Naiditch ¹ , M. F. Brucato ² , V. Talisa ³ , Z. Hahn ⁴ , J. R. Hotchkiss ⁵ , J. M. Young ⁶ , B. Tyler ⁴ , F. B. Mayr ² ; ¹ Pulmonary, Allergy, Critical Care and Sleep Medicine; CRISMA Center, Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² CRISMA Center, Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³ Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ Veterans Affairs Medical Center, Augusta, ME, United States, ⁵ Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁶ Critical Care Service Line, Veterans Affairs Medical Center, Pittsburgh, PA, United States.
Mini Symposium (Mon 5/20) B19: `OMICS TO ENDOTYPE EXPOSURE-RELATED LUNG DISEASE • 9:15AM-11:15AM San Diego Convention Center, Room 8 (Upper Level)		
9:39AM-9:51AM	<i>Epigenetic Aging and Environmental Exposures in Fibrotic Interstitial Lung Disease</i>	G. C. Goobie ¹ , D. Marinescu ² , A. O. Adegunsoye ³ , C. Carlsten ² , R. L. Clifford ⁴ , K. F. Gibson ⁵ , K. A. Johansson ⁶ , D. Kass ⁷ , S. E. Kim ⁸ , X. Li ⁹ , Y. Yang ¹⁰ , M. Nouraei ⁹ , C. J. Ryerson ² , T. Hackett ¹¹ , Y. Zhang ⁹ ; ¹ Medicine, Division of Respiratory Medicine, University of British Columbia, Vancouver, BC,

		Canada, ² Division of Respiratory Medicine, Department of Medicine, University of British Columbia, Vancouver, BC, Canada, ³ Pulmonary & Critical Care Medicine, University of Chicago, Chicago, IL, United States, ⁴ Centre for Respiratory Research, Translational Medical Sciences, School of Medicine,, University of Nottingham, Nottingham, United Kingdom, ⁵ Department of Medicine, Division of Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁶ Medicine, University of Calgary, Calgary, AB, Canada, ⁷ Division of Pulmonary, Allergy, and Critical Care Medicine University of Pittsburgh Medical Center, University of Pittsburgh, Pittsburgh, PA, United States, ⁸ Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁹ Division of Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ¹⁰ Centre for Heart Lung Innovation, St. Paul's Hospital, University of British Columbia, Vancouver, BC, Canada, ¹¹ Anesthesiology, Pharmacology & Therapeutics, University of British Columbia, Vancouver, BC, Canada
10:03AM-10:15AM	<i>The Impact of Air Pollution on Epigenetic Regulation of Inflammatory Gene Transcription in Asthmatic Patients Living in Western Pennsylvania</i>	W. Tang ¹ , Y. Sun ² , T. V. Macedonia³ , M. Nouraei⁴ , S. E. Wenzel⁵ ; ¹ Environmental and Occupational Health, University of Pittsburgh School of Public Health, Pittsburgh, PA, United States, ² Environmental and Occupational Health, University of Pittsburgh, Pittsburgh, PA, United States, ³ Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ Medicine, PACCM, University of Pittsburgh, Pittsburgh, PA, United States, ⁵ Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States.
Poster Discussion Session (Mon 5/20) B28: LUNGS THOROUGH TIME: EXPLORING LUNG AGING • 9:15AM-11:15AM San Diego Convention Center, Room 33A-C (Upper Level)		
9:15AM-11:15AM	<i>CRIP1 Is a New Senescence-associated Secreted Protein That Drives Fibroblast Activation During Senescence-induced Pulmonary Fibrosis</i>	M. Melo Narvaez ¹ , E. Jain ¹ , T. Suci ¹ , S. Asgharpour ¹ , Q. Hu ² , M. Stoleriu ³ , N. Cabeza-Boeddinghaus ¹ , C. A. Staab-Weijnitz ¹ , G. Burgstaller ¹ , A. O. Yildirim ¹ , M. Koenigshoff⁴ , M. Lehmann ⁵ ; ¹ Comprehensive Pneumology Center (CPC) and Institute of Lung Health and Immunity, Helmholtz Zentrum Muenchen, Neuherberg, Germany, ² Div of Pulmonary, Allergy & Critical Care Med, University of Pittsburgh, Pittsburgh, PA, United States, ³ Asklepios Lung Clinic Munich-Gauting, Gauting, Germany, ⁴ Div of Pulmonary, Allergy & Critical Care Med, Univ of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁵ Institute for Lung Research, Philipps University Marburg, Marburg Germany, Germany.
9:15AM-11:15AM	<i>Extrinsic Stimuli Determine the Senescent Phenotype of Primary Human Lung Fibroblasts and Impair Stem Cell Potential of the Distal Epithelium</i>	M. Melo Narvaez ¹ , N. Bramey ¹ , F. See ¹ , B. Ballester ¹ , C. Steinchen ¹ , E. Jain ¹ , K. Hafner ¹ , A. O. Yildirim ¹ , M. Koenigshoff² , M. Lehmann ³ ; ¹ Comprehensive Pneumology Center and Institute of Lung Health and Immunity, Helmholtz Zentrum Muenchen, Neuherberg, Germany, ² Div of Pulmonary, Allergy & Critical Care Med, Univ of Pittsburgh Medical Center, Pittsburgh, PA, United States, ³ Institute for Lung Research, Philipps University Marburg, Marburg, Germany.
Poster Discussion Session (Mon 5/20) B29: BIOMARKERS AND NEW THERAPEUTICS TARGETS IN LUNG FIBROSIS • 9:15AM-11:15AM San Diego Convention Center, Room 30C-E (Upper Level)		
9:15AM-11:15AM	<i>MZB1+ Plasma Cells as Potential Therapeutic Targets for Cell Depletion in Interstitial Lung Diseases</i>	M. Bueno¹ , P. Suresh¹ , B. Chuan¹ , J. Sembrat² , M. Koenigshoff³ , O. Eickelberg⁴ ; ¹ Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ³ Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, Univ of Pittsburgh Medical Center, Pittsburgh, PA,

		United States, ⁴ Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
Thematic Poster Session (Mon 5/20) B32: BIOMARKERS AND TRANSLATIONAL STUDIES IN COPD AND CHRONIC AIRWAYS DISEASES • 9:15AM-4:15PM Lead Facilitator: Jessica Bon, MD, MS Univ of Pittsburgh, Pittsburgh, PA • 11:30AM-1:15PM San Diego Convention Center, Area F (Hall A-B2, Ground Level)		
Thematic Poster Session (Mon 5/20) B33: COVID-19, LUNG INJURY, AND SEPSIS • 9:15AM-4:15PM San Diego Convention Center, Area I (Hall H, Ground Level)		
11:30AM-1:15PM	<i>Streamlined Nucleus Isolation Protocol for Cryopreserved Mouse Lung Captures Non-immune Cell Types by Single-nucleus RNA Sequencing</i>	N. J. Tolman¹, M. Tabary¹, L. Sharma¹, C. Dela Cruz¹, J. K. Alder¹, J. Lee², K. Chen¹, W. Bain¹ ; ¹ Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Division of Pulmonary and Critical Care Medicine, Washington University in St. Louis, St. Louis, MO, United States.
Thematic Poster Session (Mon 5/20) B36: INTERSTITIAL LUNG DISEASE, CYSTIC FIBROSIS, AND SARCOIDOSIS: CLINICAL PERSPECTIVES • 9:15AM-4:15PM San Diego Convention Center, Area K (Hall H, Ground Level)		
11:30AM-1:15PM	<i>The Association of Dyspnea and Oxygen Need as Measured by a Graded Treadmill Walk Test in Patients with Idiopathic Pulmonary Fibrosis</i>	A. Bshara ¹ , K. Clark ² , K. F. Gibson³, D. J. Kass³ ; ¹ General Internal Medicine, UPMC, Pittsburgh, PA, United States, ² Division of Pulmonary, Critical Care, and Sleep Medicine, Department of Medicine, University at Buffalo Jacobs School of Medicine and Biomedical Sciences, Buffalo, NY, United States, ³ Division of Pulmonary, Allergy and Critical Care, Department of Medicine, School of Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
Thematic Poster Session (Mon 5/20) B42: ALPHABET SOUP: APLS, HLH, HUS, TTP, SCD, AND DIC IN THE ICU • 9:15AM-4:15PM San Diego Convention Center, Area E (Hall A-B2, Ground Level)		
11:30AM-1:15PM	<i>Does Occam's Razor Even Apply in Severely Immunosuppressed Patients? A Case of a Patient With HIV/AIDS With Opportunistic Infections, Diffuse Large B-Cell Lymphoma, and Secondary Hemophagocytic Lymphohistiocytosis</i>	P. Nauka¹, I. Konstantinidis² ; ¹ Pulmonary, Allergy, Sleep and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
Thematic Poster Session (Mon 5/20) B47: LUNG TRANSPLANT • 9:15AM-4:15PM San Diego Convention Center, Area K (Hall H, Ground Level)		
11:30AM-1:15PM	<i>Radiology and Pathology Features in Short Telomere Patients with Interstitial Lung Disease Undergoing Transplant</i>	R. Sutton¹, S. Hannan¹, M. Sciuolo¹, R. Koshy¹, C. A. Hage¹, P. Sanchez², J. K. Alder¹, J. F. Mcdyer¹ ; ¹ Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Cardiothoracic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.

Thematic Poster Session (Mon 5/20) B52: EVIDENCE FOR THERAPEUTIC STRATEGIES IN COPD: FROM ESTABLISHED TO EMERGING • 9:15AM-4:15PM San Diego Convention Center, Area F (Hall A-B2, Ground Level)		
11:30AM-1:15PM	<i>Ensifentrine, A Novel, Selective Inhibitor of PDE3 and PDE4, Reduced Moderate/Severe Exacerbation Rate and Risk in Subjects with COPD Regardless of Baseline Blood Eosinophils</i>	F. C. Scieurba ¹ , S. Christenson ² , T. Rheault ³ , D. Reyner ³ , T. Bengtsson ⁴ , K. Rickard ³ , I. Barjaktarevic ⁵ ; ¹ Univ of Pittsburgh Med Ctr, Pittsburgh, PA, United States, ² Division of Pulmonary, Critical Care, Allergy, and Sleep Medicine, University of California - San Francisco, San Francisco, CA, United States, ³ Verona Pharma, Raleigh, NC, United States, ⁴ Stat Mind AB, Lund, Sweden, ⁵ Pulmonary and Critical Care, UCLA, Los Angeles, CA, United States.
11:30AM-1:15PM	<i>Targeted Lung Denervation in COPD: 2-year Follow-up of the Airflow-3 Open-label Treatment Cohort</i>	G. J. Criner ¹ , F. C. Scieurba ² , D.-J. Slebos ³ , S. P. Bhatt ⁴ , C. Ghattas ⁵ , B. Petkovich ⁶ , J. De Cardenas ⁷ , C. R. Lamb ⁸ , R. D. Sue ⁹ , P. L. Shah ¹⁰ ; ¹ Temple Univ Hosp, Philadelphia, PA, United States, ² Univ of Pittsburgh Med Ctr, Pittsburgh, PA, United States, ³ University Medical Center Groningen, Groningen, Netherlands, ⁴ University of Alabama at Birmingham, Birmingham, AL, United States, ⁵ The Ohio State University, Columbus, OH, United States, ⁶ Medical University of South Carolina, Charleston, SC, United States, ⁷ University of Michigan, Ann Arbor, MI, United States, ⁸ Lahey Hospital and Medical Center, Burlington, MA, United States, ⁹ HonorHealth, phoenix, AZ, United States, ¹⁰ Royal Brompton Hospital, London, United Kingdom
Thematic Poster Session (Mon 5/20) B54: CASE REPORTS IN ONCOLOGIC TREATMENT-RELATED LUNG DISEASE • 9:15AM-4:15PM San Diego Convention Center, Area D (Hall A-B2, Ground Level)		
11:30AM-1:15PM	<i>Immune-Checkpoint Inhibitor-Related Eosinophilic Pneumonia</i>	J. Clark ¹ , M. O. Al-Qadi ² ; ¹ Division of Pulmonary and Critical Care Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ² Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine and Simmons Center for Interstitial Lung Disease, University of Pittsburgh, Pittsburgh, PA, United States.
Thematic Poster Session (Mon 5/20) B67: VIRAL RESPIRATORY INFECTIONS INSIGHTS • 9:15AM-4:15PM San Diego Convention Center, Area H (Hall H, Ground Level)		
11:30AM-1:15PM	<i>Chitotriosidase Regulates Host Response to Influenza Lung Infection</i>	J. Kim ¹ , A. Amick ² , L. Sharma ³ , C. Dela Cruz ⁴ ; ¹ School of Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² School of Medicine, Yale University, New Haven, CT, United States, ³ Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ Yale New Haven Hosp, New Haven, CT, United States.
11:30AM-1:15PM	<i>Fractional Concentration of Exhaled Nitric Oxide (FeNO) by HIV Status in Men and Women in the MACS-WIHS Combined Cohort Study</i>	M. Wilson ¹ , A. Edmonds ² , M. B. Drummond ³ , A. Morris ⁴ , S. K. Cribbs ⁵ , N. Bhandari ⁶ , L. Huang ⁷ , M. C. McCormack ⁸ , S. Raju ⁹ , D. Reddy ¹⁰ , E. Seaberg ¹¹ , R. Wang ¹² , S. Wolinsky ¹³ , J. R. Johnson ¹¹ , K. McGowan ¹¹ , C. Ramirez ² , K. M. Kunisaki ¹⁴ ; ¹ Internal Medicine, University of Minnesota, Minneapolis, MN, United States, ² University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ³ Pulmonary and Critical Care Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ⁴ Div of Pulm Allergy & Crit Care, Univ of Pittsburgh, Pittsburgh, PA, United States, ⁵ Emory University and Atlanta VA Health Care System, Atlanta, GA, United States, ⁶ Cook County Health, Chicago, IL, United States, ⁷ Department of Medicine, University of California San Francisco, San Francisco, CA, United States, ⁸ John Hopkins Univ, Baltimore, MD, United States, ⁹ Pulmonary Critical Care Medicine, Johns Hopkins, Baltimore, MD, United States, ¹⁰ Medicine/Pulmonary Division, Albert Einstein College of Medicine,

		Bronx, NY, United States, ¹¹ Johns Hopkins University, Baltimore, MD, United States, ¹² Division of Pulmonary and Critical Care Medicine, University of California San Francisco, San Francisco, CA, United States, ¹³ Northwestern University, Chicago, IL, United States, ¹⁴ Minneapolis VA Health Care System, Minneapolis, MN, United States.
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Thematic Poster Session (Mon 5/20)

B70: COPD IN THE SPOTLIGHT: INSIGHTS INTO DISEASE PATHOGENESIS • 9:15AM-4:15PM

San Diego Convention Center, Area F (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>Cigarette Smoke Acts Via c-Src to Decrease CXCL11 Levels and Deter Lung Treg Responses in HIV-related COPD</i>	R. F. Foronjy ¹ , A. J. Dabo ² , P. M. Geraghty ³ , A. Morris⁴ , O. Evgrafov ⁵ , M. A. Campos ⁶ , E. Hadas ⁷ , B. Kim ⁷ , M. Potash ⁷ , D. Volsky ⁷ ; ¹ Downstate Health Sciences University, Brooklyn, NY, United States, ² Pulmonary, Downstate Health Sciences University, Brooklyn, NY, United States, ³ Downstate Health Sciences University, New York, NY, United States, ⁴ Div of Pulm Allergy & Crit Care, Univ of Pittsburgh, Pittsburgh, PA, United States, ⁵ Cell Biology, Downstate Health Sciences University, Brooklyn, NY, United States, ⁶ Medicine/Pulmonary, Univ of Miami, Miami, FL, United States, ⁷ Virology, Mount Sinai School of Medicine, New York, NY, United States.
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Thematic Poster Session (Mon 5/20)

B71: ASTHMA PATHOGENESIS: MORE THAN MEETS THE EYE • 9:15AM-4:15PM

San Diego Convention Center, Area C (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>T2/IL-13-induced Autophagy Promotes RV-A16 Infection in Human Airway Epithelial Cells</i>	B. Liao ¹ , Q. Wei ¹ , N. Fukuda ¹ , L. R. Bradley ¹ , J. Trudeau ¹ , Y. A. Bochkov ² , J. E. Gern ³ , J. Zhao ¹ , S. E. Wenzel¹ ; ¹ Environmental and Occupational Health, University of Pittsburgh School of Public Health, Pittsburgh, PA, United States, ² Pediatrics, University of Wisconsin School of Medicine & Public Health, Madison, WI, United States, ³ Univ of Wisconsin - Madison, Madison, WI, United States.
11:30AM-1:15PM	<i>Severe Asthmatic Human Airway Epithelial Cells (HAECs) Exhibit Differential Viral-Related Immune Responses Under Type-2 (T2) Conditions</i>	Q. Wei ¹ , B. Liao ¹ , N. Fukuda ¹ , X. Zhou ¹ , J. B. Trudeau ¹ , L. R. Bradley ¹ , Y. A. Bochkov ² , J. E. Gern ² , J. Zhao ¹ , S. E. Wenzel¹ ; ¹ Environmental and Occupational Health, University of Pittsburgh School of Public Health, Pittsburgh, PA, United States, ² Pediatrics, University of Wisconsin School of Medicine & Public Health, Madison, WI, United States.
11:30AM-1:15PM	<i>Rhinovirus (RV) Utilizes T2-induced Mitophagy to Increase Early RV Replication in Human Airway Epithelial Cells</i>	N. Fukuda ¹ , B. Liao ¹ , Q. Wei ¹ , L. R. Bradley ¹ , J. Trudeau ¹ , Y. A. Bochkov ² , J. E. Gern ³ , J. Zhao ¹ , S. E. Wenzel⁴ ; ¹ Environmental and Occupational Health, University of Pittsburgh School of Public Health, Pittsburgh, PA, United States, ² Pediatrics, University of Wisconsin School of Medicine & Public Health, Madison, WI, United States, ³ Univ of Wisconsin - Madison, Madison, WI, United States, ⁴ Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States.

Thematic Poster Session (Mon 5/20)

B74: BREATHING NEW LIFE: LUNG TRANSPLANT PATHOGENESIS AND MECHANISMS • 9:15AM-4:15PM

Facilitator: Marta Bueno, PhD, University of Pittsburgh, Pittsburgh, PA

San Diego Convention Center, Area A (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>Recipient Age Determines Lung Function and Outcomes in Mouse Models of Lung Transplantation</i>	M. Bueno¹, X. Wang¹, B. Chuan¹, P. Suresh¹, O. Eickelberg² ; ¹ Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
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Thematic Poster Session (Mon 5/20)
B80-1: METHODOLOGICAL ADVANCEMENTS IN PULMONARY IMAGING • 9:15AM-4:15PM
 San Diego Convention Center, Area B (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>Quantitative CT and Computational Fluid Dynamics Show Subclinical Functional Changes in Asthma Phenotypes</i>	J. Choi ¹ , D. H. Lee ² , B. Huang ³ , A. Abdolijomoor ¹ , C. Hall ¹ , P. Niedbalski ¹ , E. A. Hoffman ⁴ , S. B. Fain ⁵ , C. Lin ⁶ , L. C. Denlinger ⁷ , E. Israel ⁸ , N. N. Jarjour ⁹ , B. D. Levy ⁸ , D. T. Mauger ¹⁰ , S. E. Wenzel¹¹ , J. V. Fahy ¹² , M. Castro ¹ , NHLBI Severe Asthma Research Program (SARP) III; ¹ Pulmonary, Critical Care, and Sleep Medicine, University of Kansas School of Medicine, Kansas City, KS, United States, ² Department of Medicine, Division of Pulmonary, Critical Care and Sleep Medicine, University of Kansas School of Medicine, Kansas City, KS, United States, ³ Pulmonary & Critical Care, UCSF, San Francisco, CA, United States, ⁴ Radiology, The University of Iowa, Iowa City, IA, United States, ⁵ Radiology, Univ of Iowa, Iowa City, IA, United States, ⁶ Mechanical Engineering, The University of Iowa, Iowa City, IA, United States, ⁷ Medicine, University of Wisconsin-Madison, Madison, WI, United States, ⁸ Brigham and Womens Hosp, Boston, MA, United States, ⁹ Univ of Wisconsin Hosps & Clinics, Madison, WI, United States, ¹⁰ Public Health Sciences, Penn State University College of Medicine, Hershey, PA, United States, ¹¹ Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States, ¹² Pulmonary and Critical Care Medicine, Univ of California At San Francisco, San Francisco, CA, United States.
11:30AM-1:15PM	<i>A Novel Functional Imaging Method for Assessing Paracellular Permeability in the Human Lung</i>	T. E. Corcoran¹, S. G. Kefalos¹, L. Weber², G. Kitsios¹, K. Hajipouran Benam¹, J. Bon¹, C. J. Kessinger¹, V. Petraglia¹, A. Morris¹ ; ¹ Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Nuclear Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.

Thematic Poster Session (Mon 5/20)
B80-2: ABNORMALITIES IN STRUCTURE AND FUNCTION IN COPD • 9:15AM-4:15PM
 San Diego Convention Center, Area F (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>The Impact of Rate of FEV1 Decline in American and Spanish Cohorts at High Risk for Lung Cancer</i>	H. Strollo¹, J. T. De Torres², M. Nouraei³, C. Felgueroso Rodero⁴, A. Campo Ezquibela⁵, M. Di Frisco⁴, F. C. Sciruba⁶, D. O. Wilson⁷ ; ¹ University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Pulmonary, Clinica Universidad de Navarra, Pamplona, Spain, ³ Medicine, PACCM, University of Pittsburgh, Pittsburgh, PA, United States, ⁴ Clinica Universidad de Navarra, Pamplona, Spain, ⁵ Pulmonary Medicine, Clínica Universidad de Navarra, Pamplona, Spain, ⁶ Univ of Pittsburgh Med Ctr, Pittsburgh, PA, United States, ⁷ PACCM, UPMC, Pittsburgh, PA, United States.
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Thematic Poster Session (Mon 5/20)
B80-3: OSA 2.0: LEVELING UP THE SLEEP APNEA TOOL KIT • 9:15AM-4:15PM
 San Diego Convention Center, Area D (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>Aroxypytynin and Atomoxetine (AD109) for the Treatment of OSA: Rationale and Design of the LUNAIRE Phase 3 Randomized, Controlled Clinical Trial</i>	S. R. Patel¹ , L. Taranto Montemurro ² , R. Farkas ³ , for the LUNAIRE investigators; ¹ Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² R&D, Apnimed, Cambridge, MA, United States, ³ Apnimed, Cambridge, MA, United States.
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Meet the Expert (Mon 5/20)				
Time	Location	Session #	Session Title	Faculty
11:30AM-12:30PM	Marriott Marquis San Diego Marina, Carlsbad (Level 3, South Tower)	MTE16	<i>ALVEOLAR ORGANOIDS - BEST PRACTICES</i>	Corrine R. Kliment, MD, PhD. University of Pittsburgh, Pittsburgh, PA
11:30AM-12:30PM	Marriott Marquis San Diego Marina, Balboa (Level 3, South Tower)	MTE17	<i>COMPLEX IN VITRO MODELS OF THE LUNG: BRIDGING THE GAP BETWEEN COMPLEX LUNG PATHOBIOLOGY AND THERAPEUTICS</i>	Melanie Koenigshoff, MD, PhD, ATSF. Univ of Pittsburgh Medical Center, Pittsburgh, PA

Mid-day Symposium (Mon 5/20)				
MD17: ASTHMA ACROSS SPECIES: A COMPARATIVE APPROACH TO UNDERSTANDING PATHOLOGY AND THE MICROBIOTA • 12:00PM-1:00PM				
San Diego Convention Center, Room 29A-D (Upper Level)				
12:00PM-12:15PM	<i>Heterogeneity of Asthma Immunology in Humans</i>	Sally E. Wenzel, MD, ATSF. Univ of Pittsburgh, Pittsburgh, PA		
Mid-day Symposium (Mon 5/20)				
MD25: UPDATES ON LUNG HALLMARKS OF AGING • 12:00-1:00PM				
San Diego Convention Center, Room 8 (Upper Level)				
12:15PM-12:30PM	<i>The Extracellular Matrix as a Contributor to the Hallmarks of Lung Aging</i>	Melanie Koenigshoff, MD, PhD, ATSF. Univ of Pittsburgh Medical Center, Pittsburgh, PA		
Scientific Symposium (Mon 5/20)				
B87: IMMUNE MECHANISMS OF ACUTE LUNG INJURY FROM COVID AND BEYOND • 2:15PM-3:45PM				
Chair: Tomeka Lynette. Suber, MD, PhD. University of Pittsburgh Medical Center, Pittsburgh, PA				
Marriott Marquis San Diego Marina, Pacific Ballroom 24-26 (Ground Floor, North Tower)				
2:51PM-3:09PM	<i>Transcriptomic Signatures in Innate Immune Cells Identify Risk versus Protection in ARDS</i>	Prabir Ray, PhD. Univ of Pittsburgh Sch of Med, Pittsburgh, PA		
Mini Symposium (Mon 5/20)				
B95: SURFING IN THE GREEN ROOM: DEFINING MOLECULAR MECHANISMS OF PULMONARY VASCULAR DISEASE • 2:15PM-4:15PM				
San Diego Convention Center, Room 28A-B (Upper Level)				
2:15PM-2:27PM	<i>VEGF-D Is Enriched in the Human Lung Microvascular Niche and Improves Vascular Integrity During Acute Lung Injury</i>	Y. Yuan ¹ , L. Sharma² , W. Tang ³ , M. B. Raredon ⁴ , F. Ahangari ⁵ , J. Khoury ⁶ , D. Wu ³ , L. E. Niklason ⁷ , N. Kaminski ⁸ ; ¹ Department of Anesthesiology, University of Maryland School of Medicine, Baltimore, MD, United States, ² Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ³ Department of Pharmacology, Yale University School of Medicine, New Haven, CT, United States, ⁴ Yale School of Medicine, New Haven, CT, United States, ⁵ Pulmonary, Yale School of Medicine, New Haven, CT, United States, ⁶ Pulmonary, Critical Care and Sleep Medicine, Yale University, New Haven, CT, United States, ⁷ Humacyte Inc, Durham, NC, United States, ⁸ Department of Medicine, Yale School of Medicine, New Haven, CT, United States.		

Mini Symposium (Mon 5/20)		
B98: HEALING LUNGS: NAVIGATING THE PATHWAYS OF LUNG REPAIR • 2:15PM-4:15PM		
San Diego Convention Center, Room 6D (Upper Level)		
2:27PM- 2:39PM	<i>QKI Is Essential for Maintaining Alveolar Integrity in Mice</i>	K. Uemasu¹ , K. Tanimura ² , K. Hasegawa ³ , R. Nyunoya ¹ , T. Nyunoya⁴ ; ¹ Division of Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Department of Respiratory Medicine, Nara Medical University, Kashihara, Japan, ³ Marsico Lung Institute, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ⁴ Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
Poster Discussion Session (Mon 5/20)		
B105: BREATHING AMIDST ADVERSITY: EXPLORING THE IMPACT OF AIR POLLUTION ON RESPIRATORY HEALTH AND BEYOND • 2:15PM-4:15PM		
San Diego Convention Center, Room 6E (Upper Level)		
2:15PM- 4:15PM	<i>Air Pollution Education: A Novel Curriculum for Pulmonary and Critical Care Fellows</i>	R. Wojcik¹ , G. C. Goobie ² , F. J. Rosser ³ , S. Maximous⁴ ; ¹ University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Medicine, Division of Respiratory Medicine, University of British Columbia, Vancouver, BC, Canada, ³ Pediatrics, Pulmonary Medicine, UPMC Children's Hospital of Pittsburgh, Pittsburgh, PA, United States, ⁴ Department of Medicine, Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States
Poster Discussion Session (Mon 5/20)		
B107: GENETIC AND TRANSCRIPTOMIC SIGNATURES IN LUNG DISEASES • 2:15PM-4:15PM		
Moderators: Oliver Eickelberg, MD, FERS, ATSF , University of Pittsburgh Medical Center, Pittsburgh, PA Eleanor Valenzi, MD , University of Pittsburgh, Pittsburgh, PA		
San Diego Convention Center, Room 11A-B (Upper Level)		
2:15PM- 4:15PM	<i>Applying Single Cell Profiling to Assess Drug Anti Fibrotic Properties in the Human Precision Cut Lung Slice Model of Fibrosis</i>	A. Justet ¹ , N. Mitash ² , R. H. Pineda ³ , T. Adams ⁴ , A. Balayev ⁵ , N. Abu Hussein ¹ , M. Ishizuka ⁶ , H. Kim ⁷ , J. Khoury ¹ , F. Ahangari ⁸ , X. Yan ⁹ , N. Kaminski ¹⁰ , M. Koenigshoff¹¹ ; ¹ Internal Medicine - PCCSM, Yale School Medicine, New Haven, CT, United States, ² Pulmonary Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³ Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁴ Pulmonary, Critical Care and Sleep Medicine, New Haven, CT, United States, ⁵ Pulmonology, Critical Care & Sleep Medicine, Yale University, New Haven, CT, United States, ⁶ Pulmonary, Critical Care and Sleep Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ⁷ Pulmonary, Critical Care and Sleep Medicine Section, Yale School Medicine, New Haven, CT, United States, ⁸ Pulmonary, Yale School of Medicine, New Haven, CT, United States, ⁹ Section of Pulmonary, Critical Care & Sleep Medicine, Department of Internal Medicine, Yale University School of Medicine, New Haven, CT, United States, ¹⁰ Department of Medicine, Yale School of Medicine, New Haven, CT, United States, ¹¹ Div of Pulmonary, Allergy & Critical Care Med, Univ of Pittsburgh Medical Center, Pittsburgh, PA, United States.

TUESDAY, MAY 21, 2024

<p><u>Scientific Symposium</u> (Tues 5/21) C13: REASSESSING THE VALUE OF PHYSIOLOGIC ENDOTYPES IN UNDERSTANDING OSA HETEROGENEITY 9:15AM-10:45AM Chair: Sanjay R. Patel, MD, MS, ATSF. Univ of Pittsburgh Medical Center, Pittsburgh, PA Marriott Marquis San Diego Marina, Grand Ballroom 8-9 (Lobby Level, North Tower)</p>		
<p><u>Mini Symposium</u> (Tues 5/21) C14: HARMONY IN HEALING: IMMUNE CELL CHOREOGRAPHY OF LUNG INJURY AND REPAIR • 9:15AM-11:15AM Moderator: William Bain, MD, University of Pittsburgh, Pittsburgh, PA San Diego Convention Center, Room 2 (Upper Level)</p>		
<p><u>Mini Symposium</u> (Tues 5/21) C15: COPD EPIDEMIOLOGY, TREATMENT, AND DISPARITIES • 9:15AM-11:15AM San Diego Convention Center, Room 8 (Upper Level)</p>		
<p>9:15AM-9:27AM</p>	<p><i>Efficacy of Mepolizumab in Patients with Chronic Obstructive Pulmonary Disease with or Without Chronic Bronchitis: Post Hoc Analysis of the METREX and METREO Phase 3 Trials</i></p>	<p>F. C. Scieurba¹, M. Han², S. Korn³, M. Bafadhel⁴, S. Kolterer⁵, R. Chan⁶, A. Agusti⁷, B. Mayer⁸; ¹Emphysema/COPD Research Center, University of Pittsburgh, Pittsburgh, PA, United States, ²Pulmonary and Critical Care, University of Michigan Health System, Ann Arbor, MI, United States, ³IKF Pneumologie Mainz, Mainz, Germany, ⁴School of Immunology and Microbial Sciences, Faculty of Life Sciences and Medicine, King's College London, London, United Kingdom, ⁵Speciality Care, GSK, Brentford, United Kingdom, ⁶Clinical Sciences – Respiratory, GSK, Brentford, United Kingdom, ⁷Càtedra Salut Respiratòria, Universitat Barcelona, Clinic Barcelona, IDIBAPS, CIBERES, Barcelona, Spain, ⁸Biostatistics, GSK, Brentford, United Kingdom.</p>
<p><u>Mini Symposium</u> (Tues 5/21) C18: TRANSLATING SCIENCE IN RESPIRATORY INFECTIONS • 9:15AM-11:15AM San Diego Convention Center, Room 6C-F (Upper Level)</p>		
<p>9:51AM-10:03AM</p>	<p><i>Subphenotypes of Self-reported Symptoms In post-acute Sequelae of COVID-19 (PASC) Relate to Oral and Gut Microbiota Profiles but Not to Viral Persistence</i></p>	<p>G. Kitsios¹, B. Shawna¹, K. Li², J. Jacobs³, A. Naqvi³, H. Gentry¹, C. Murray¹, A. Fitch¹, X. Wang¹, A. Patel¹, M. G. Risbano¹, M. Benigno⁴, B. Emir⁴, E. Weinstein⁴, C. Bramson⁴, L. Jiang⁴, F. Dai⁴, J. Mellors³, B. Methe¹, F. C. Scieurba¹, M. Nourai¹, A. Morris¹; ¹Pulmonary Allergy, Critical Care and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ²Center for Medicine & the Microbiome, University of Pittsburgh, Pittsburgh, PA, United States, ³Division of Infectious Diseases, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ⁴Pfizer, Inc, New York, NY, United States.</p>
<p>10:27AM-10:39AM</p>	<p><i>AMSARS-CoV-2 Viremia Associates With Thrombosis and Mortality in the ACTIV-4a Trial</i></p>	<p>B. E. Zuchelkowski¹, M. Nourai¹, A. Naqvi², S. Qin³, Y. Zhang¹, C. S. Dela Cruz⁴, L. Zhang¹, B. J. Mcverry³, A. Morris³, M. Neal⁵, J. Seheult⁶, G. Kitsios³, J. W. Mellors², P. Kim⁷, J. L. Jacobs², W. Bain⁴; ¹Division of PACCM, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ²Division of Infectious Disease, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ³Division of PACCM, Center for Medicine and the Microbiome, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ⁴Division of PACCM, University of Pittsburgh School of Medicine, Veteran's Affairs Pittsburgh Healthcare System, Pittsburgh, PA, United States, ⁵Department of Surgery, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ⁶Mayo Clinic, Rochester, MN, United States, ⁷Thrombosis and Atherosclerosis Research Institute, McMaster University, Hamilton, ON, Canada</p>

11:03AM-11:15AM	<i>Translating Science into Solutions for Respiratory Infections - The Road Ahead</i>	Charles Dela Cruz, MD, PhD, ATSF University of Pittsburgh, Pittsburgh, PA
Mini Symposium (Tues 5/21)		
C19: CHARTING THE LUNG: INNOVATION IN MULTIOMICS • 9:15AM-11:15AM		
San Diego Convention Center, Room 32A-B (Upper Level)		
9:39AM-9:51AM	<i>Transcriptional Pathways in Small Airway Basal Cells Define Niches of Goblet Cell Metaplasia in Asthma</i>	S. Schworer ¹ , K. Okuda ² , H. Dang ³ , M. Markovetz ³ , T. Kato ⁴ , T. Asakura ⁵ , G. Chen ⁶ , R. Gilmore ³ , C. van Heusden ³ , M. Chua ³ , H. Trejo Bittar ⁷ , B. Cody ⁷ , J. Trudeau ⁸ , W. K. O'Neal ² , S. H. Randell ⁹ , S. E. Wenzel¹⁰ , R. C. Boucher ³ ; ¹ Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ² Cystic Fibrosis/Pulmonary Research and Treatment Center, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ³ Marsico Lung Institute, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ⁴ Center for Pulmonary Diseases, NHO Tokyo National Hospital, Kiyose City, Japan, ⁵ Department of Clinical Medicine (Laboratory of Bioregulatory Medicine), Kitasato University School of Pharmacy, Minato-ku, Tokyo, Japan, ⁶ Marsico Lung Institute/Cystic Fibrosis Research Center, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ⁷ Pathology, UPMC, Pittsburgh, PA, United States, ⁸ Environmental and Occupational Health, University of Pittsburgh, Pittsburgh, PA, United States, ⁹ Marsico Lung Institute, University of North Carolina, Chapel Hill, Chapel Hill, NC, United States, ¹⁰ Professor of Med PACCM, University of Pittsburgh, Pittsburgh, PA, United States.
Poster Discussion Session (Tues 5/21)		
C21: MIND, BODY AND AGING AFTER THE ICU: A CC/BSHSR COLLABORATIVE SESSION • 9:15AM-11:15AM		
San Diego Convention Center, Room 5A-B (Upper Level)		
9:15AM-11:15AM	<i>Biomarkers of Inflammation in Critically Ill Patients According to Data-derived Delirium Subtype Versus Persistent Coma Versus Never Delirious</i>	C. A. Onyemekwu¹, K. M. Potter¹, N. Prendergast¹ , M. Reznik ¹ , J. N. Kennedy ² , M. F. Mart ³ , P. Pandharipande ⁴ , E. Ely ⁵ , C. W. Seymour ⁶ , T. D. Girard ² ; ¹ University of Pittsburgh, Pittsburgh, PA, United States, ² Department of Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³ Allergy, Pulmonary, and Critical Care Medicine, Vanderbilt University Medical Center, Nashville, TN, United States, ⁴ Vanderbilt University Medical Center, Nashville, TN, United States, ⁵ Vanderbilt Univ Med Ctr, Nashville, TN, United States, ⁶ Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
Poster Discussion Session (Tues 5/21)		
C22: ARTIFICIAL INTELLIGENCE IN THE ICU: THE MACHINE WILL SEE YOU NOW • 9:15-11:15AM		
San Diego Convention Center, Room 1A-B (Upper Level)		
9:15AM-11:15AM	<i>Deep Learning-driven Prediction of Future Blood Pressure in the Intensive Care Unit</i>	J. Yoon¹ , A. Joshi ² , G. Clermont ³ , M. Hauskrecht ² ; ¹ Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Computer Science, University of Pittsburgh, Pittsburgh, PA, United States, ³ Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
9:15AM-11:15AM	<i>Systematic Evaluation of General Large Language Models for Contextually Assessed Semantic Concepts from Unstructured Critical Care Data</i>	J. Yoon¹ , D. Liu ² , D. Bold ² , J. Lu ² , R. Xiao ² , C. Ding ³ , C. Yang ² , G. Clermont ¹ , X. Hu ² ; ¹ University of Pittsburgh, Pittsburgh, PA, United States, ² Emory University, Atlanta, GA, United States, ³ Georgia institution of Technology, Atlanta, GA, United States

9:15AM-11:15AM	<i>Utility of Multimodal Large Language Models in Analyzing Chest X-ray with Incomplete Contextual Information</i>	J. Yoon¹ , C. Kim ² , S. Cho ² ; ¹ University of Pittsburgh, Pittsburgh, PA, United States, ² Korea Advanced Institute of Science & Technology (KAIST), Daejeon, Korea, Republic of
9:15AM-11:15AM	<i>Automated Sequential Organ Failure Assessment: A Practical Alternative to Manual Sofa Scoring for Large Scale Data Analysis with Excellent Prognostic Performance</i>	J. Lee¹ , M. Broerman² , G. D. Kitsios² , J. S. Lee³ , M. Nouraie² ; ¹ Division of General Internal Medicine, Department of Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ² Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, Department of Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ³ Division of Pulmonary and Critical Care Medicine, John T. Milliken Department of Medicine, Washington University School of Medicine in St. Louis, St. Louis, MO, United States.
9:15AM-11:15AM	<i>Discordance Between Clinician Actions and Artificial Intelligence Recommendations in the Treatment of Sepsis</i>	P. Nauka¹ , J. N. Kennedy ² , J. M. Kahn ³ , B. J. Mcverry⁴ , C. W. Seymour ⁵ ; ¹ Pulmonary, Allergy, Sleep and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Department of Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³ University of Pittsburgh, Pittsburgh, PA, United States, ⁴ Pulmonary, Allergy, Sleep and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁵ Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.

Poster Discussion Session (Tues 5/21)

C28: MORE THAN MEET THE EYE: NOVEL INSIGHTS IN IPF PATHOGENESIS • 9:15AM-11:15AM

Moderator: **Melanie Koenigshoff, MD, PhD, ATSF, FERS** Univ of Pittsburgh Medical Center, Pittsburgh, PA
San Diego Convention Center, Room 30C-E (Upper Level)

9:15AM-11:15AM	<i>Collagen Prolyl-3-hydroxylase 1 Controls Collagen Quality and Extracellular Matrix Deposition</i>	C. A. Staab-Weijnitz ¹ , E. Hennen ¹ , V. Sarohi ² , K. Pijadina ¹ , L. Binzenhöfer ¹ , N. Cabeza-Boeddinghaus ¹ , J. Merl-Pham ³ , C. Onursal ¹ , R. C. Jentsch ¹ , J. Behr ⁴ , J. Gote-Schniering ¹ , H. B. Schiller ¹ , A. Hilgendorff ⁵ , H. Bächinger ⁶ , S. M. Hauck ³ , N. Kaminski ⁷ , O. Eickelberg⁸ , R. Vanacore ⁹ , T. Basak ² ; ¹ Comprehensive Pneumology Center, Helmholtz-Zentrum München, Munich, Germany, ² School of Biosciences and Bioengineering (SBB), Indian Institute of Technology (IIT), Mandi, India, ³ Metabolomics and Proteomics Core, Helmholtz-Zentrum München, Munich, Germany, ⁴ Internal Medicine V, University of Munich, Comprehensive Pneumology Ctr., Munchen, Germany, ⁵ Comprehensive Pneumology Center, Helmholtz Zentrum Muenchen, Munich, Germany, ⁶ Department of Biochemistry and Molecular Biology, Oregon Health & Science University, Portland, OR, United States, ⁷ Department of Medicine, Yale School of Medicine, New Haven, CT, United States, ⁸ Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁹ Division of Nephrology and Hypertension, Department of Medicine, Vanderbilt University Medical Center, Nashville, TN, United States.
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Thematic Poster Session (Tues 5/21)

C32: ALL THAT WHEEZES (AND THEN SOME): CASE STUDIES • 9:15AM-4:15PM

San Diego Convention Center, Area H (Hall H, Ground Level)

11:30AM-1:15PM	<i>Persistent Lung Eosinophilia While on Benralizumab</i>	A. Yang , M. Gilani , R. P. Ramonell , M. Gauthier ; Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
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Thematic Poster Session (Tues 5/21)
C33: ATTACK OF THE ANTIBODIES: CASE STUDIES • 9:15AM-4:15PM
Facilitator: Daniel Isaiah Sullivan, MD, UPMC, Pittsburgh, PA
 San Diego Convention Center, Area H (Hall H, Ground Level)

Thematic Poster Session (Tues 5/21)
C35: INNOVATIVE BIOMARKERS TO IDENTIFY ALLERGIC INFLAMMATION • 9:15AM-4:15PM
 San Diego Convention Center, Area F (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>Fatty Liver Infiltration Is Associated with Decreased Lung Function in Asthmatics and Correlates with Circulating Levels of IL-6:</i>	E. A. Townsend ¹ , M. C. Tattersall ² , K. Lee ³ , K. M. Hansen ² , N. Tsuchiya ⁴ , F. Osman ² , C. E. Korcarz ² , M. C. Peters ⁵ , P. Woodruff ⁵ , J. V. Fahy ⁵ , S. E. Wenzel⁶ , E. Israel ⁷ , B. D. Levy ⁷ , M. Castro ⁸ , S. C. Erzurum ⁹ , J. Lempel ⁹ , W. C. Moore ¹⁰ , E. R. Bleecker ¹¹ , B. R. Phillips ¹² , D. T. Mauger ¹² , E. A. Hoffman ¹³ , S. B. Fain ¹³ , S. B. Reeder ⁴ , R. L. Sorkness ² , M. L. Schiebler ⁴ , N. N. Jarjour ² , L. C. Denlinger ² ; ¹ Department of Anesthesiology, University of Wisconsin, Madison, WI, United States, ² Department of Medicine, University of Wisconsin, Madison, WI, United States, ³ Department of Biostatistics and Medical Informatics, University of Wisconsin, Madison, WI, United States, ⁴ Department of Radiology, University of Wisconsin, Madison, WI, United States, ⁵ Department of Medicine, University of California, San Francisco, San Francisco, CA, United States, ⁶ Department of Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁷ Department of Medicine, Brigham and Womens Hospital, Boston, MA, United States, ⁸ Pulmonary Critical Care & Sleep Medicine, University of Kansas, Kansas City, KS, United States, ⁹ Cleveland Clinic Foundation, Cleveland, OH, United States, ¹⁰ Pulmonary and Critical Care Medicine, Wake Forest School of Medicine, Winston-Salem, NC, United States, ¹¹ Department of Medicine, University of Arizona, Tucson, AZ, United States, ¹² Department of Public Health Sciences, Pennsylvania State University, Hershey, PA, United States, ¹³ Department of Radiology, University of Iowa, Iowa City, IA, United States.
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Thematic Poster Session (Tues 5/21)
C36: ADVANCES IN COVID-19, LUNG INFECTION, AND TUBERCULOSIS • 9:15AM-4:15PM
 San Diego Convention Center, Area L (Hall H, Ground Level)

11:30AM-1:15PM	<i>The Impact of the COVID-19 Pandemic on the Research Productivity of K-awardees</i>	N. Gupta ¹ , S. Gupta², A. Morris³, D. Chandra⁴ ; ¹ Santa Clara University, Santa Clara, CA, United States, ² Pulmonary/Critical Care, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ³ Div of Pulm Allergy & Crit Care, Univ of Pittsburgh, Pittsburgh, PA, United States, ⁴ Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
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Thematic Poster Session (Tues 5/21)
C39: PNEUMONIA AND SEPSIS: EPIDEMIOLOGY, TREATMENTS, AND OUTCOMES • 9:15AM-4:15PM
 San Diego Convention Center, Area K (Hall H, Ground Level)

11:30AM-1:15PM	<i>Feasibility Report of Observational Longitudinal Study at a Long-term Acute Care Hospital on Tracheobronchitis</i>	A. Zemke¹, M. Nouraei² ; ¹ Medicine, Pulmonary, Allergy and Critical Care Medicine, Pittsburgh, PA, United States, ² Medicine, PACCM, University of Pittsburgh, Pittsburgh, PA, United States.
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Thematic Poster Session (Tues 5/21)
C43: BRAIN-STORMS: NEUROLOGIC CRITICAL CARE CASES • 9:15AM-4:15PM
 Facilitator: **Stephanie Maximous, MD, MS**, University of Pittsburgh Medical Center, Pittsburgh, PA
 San Diego Convention Center, Area E (Hall A-B2, Ground Level)

Thematic Poster Session (Tues 5/21)
C46: CLINICAL AND PHYSIOLOGIC METRICS OF RESPIRATORY DISEASE AND COPD: FROM DIAGNOSIS TO PROGNOSIS
9:15AM-4:15PM
 San Diego Convention Center, Area I (Hall H, Ground Level)

11:30AM-1:15PM	<i>Associations of Pre-pandemic Spirometry With COVID-19 Hospitalization or Death: The Collaborative Cohort of Cohorts for COVID-19 Research (C4R) Study</i>	P. Balte ¹ , A. M. Rusk ² , N. Allen ³ , R. Barr ¹ , R. P. Bowler ⁴ , S. Cole ⁵ , D. Couper ⁶ , R. T. Demmer ⁷ , M. Doyle ⁸ , M. Elkind ⁹ , R. Kaplan ¹⁰ , J. S. Lee ¹¹ , W. Post ¹² , V. Ramachandran ¹³ , D. A. Schwartz ¹¹ , R. Tracy ⁸ , S. E. Wenzel¹⁴ , P. Woodruff ¹⁵ , V. Xanthakis ¹³ , W. Mckleroy ¹⁶ , S. Garudadri ¹⁶ , V. E. Ortega ¹⁷ , E. Oelsner ¹ ; 1Division of General Medicine, Department of Medicine, Columbia University Irving Medical Center, New York, NY, United States, 2Pulmonary and Critical Care, Mayo Clinic, Phoenix, AZ, United States, 3Northwestern University, Chicago, IL, United States, 4National Jewish Health, Denver, CO, United States, 5Texas Biomedical Research Institute, San Antonio, TX, United States, 6Biostatistics, University of North Carolina, Chapel Hill, NC, United States, 7Mayo Clinic, Minneapolis, MN, United States, 8University of Vermont, Burlington, VT, United States, 9Columbia University Irving Medical Center, New York, NY, United States, 10Albert Einstein College of Medicine, New York, NY, United States, 11University of Colorado Denver, Aurora, CO, United States, 12Johns Hopkins University, Baltimore, MD, United States, 13Boston University School of Medicine, Boston, MA, United States, 14Professor of Med PACCM, University of Pittsburgh, Pittsburgh, PA, United States, 15Medicine, University of California, San Francisco, San Francisco, CA, United States, 16Pulmonary, Critical Care, Allergy, Sleep Medicine, University of California, San Francisco, San Francisco, CA, United States, 17Mayo Clinic, Scottsdale, AZ, United States.
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Thematic Poster Session (Tues 5/21)
C48: CASE REPORTS IN VASCULITIS LUNG DISEASE • 9:15AM-4:15PM
 Facilitator: **Eleanor Valenzi, MD**, University of Pittsburgh, Pittsburgh, PA
 San Diego Convention Center, Area G (Hall A-B2, Ground Level)

Thematic Poster Session (Tues 5/21)
C55: COMORBIDITIES OF COPD: EPIDEMIOLOGY AND TREATMENT IMPLICATIONS • 9:15AM-4:15PM
 San Diego Convention Center, Area I (Hall H, Ground Level)

11:30AM-1:15PM	<i>The Association Between Spirometry, Chest CT Parameters, and Prevalent and Incident Atrial Fibrillation in a Tobacco-exposed Cohort</i>	N. Curtis ¹ , S. Nouraei² , J. Pu ³ , J. K. Leader ⁴ , F. C. Scieurba², J. Bon² ; 1Internal Medicine, Univ of Pittsburgh, Pittsburgh, PA, United States, 2Pulmonary, Allergy and Critical Care Medicine, Univ of Pittsburgh, Pittsburgh, PA, United States, 3Radiology, Univ of Pittsburgh, Pittsburgh, PA, United States, 4Univ of Pittsburgh, Pittsburgh, PA, United States.
11:30AM-1:15PM	<i>Use of the Wnt/β-catenin Activator Lithium Is Associated with Less Emphysema</i>	K. O. Allbright¹, P. Dutta¹ , G. L. Kinney ² , S. I. Rennard ³ , J. Duris ⁴ , T. Nyunoya¹ , D. Bain ⁵ , A. Sanders ⁶ , F. C. Scieurba¹ , R. P. Bowler ⁷ , M. Koenigshoff¹, D. Chandra¹ ; 1PACCSM, UPMC, Pittsburgh, PA, United States, 2Epidemiology, Colorado School of Public Health, University of Colorado, Aurora, CO, United States, 3Internal Medicine, UNMC, Omaha, NE, United States, 4Pennsylvania Water Science Center, US Geological Survey, New Cumberland, PA, United States, 5Geology and Environmental Science, University of Pittsburgh, Pittsburgh, PA, United States,

⁶Department of Environmental and Occupational Health, University of Pittsburgh, Pittsburgh, PA, United States, ⁷Natl Jewish Health, Denver, CO, United States.

Thematic Poster Session (Tues 5/21)
C62: TOP GUN: NOVEL THERAPEUTICS AND OUTCOMES IN PAH • 9:15AM-4:15PM
 San Diego Convention Center, Area C (Hall A-B2, Ground Level)

11:30AM-1:15PM	<i>Low Plasma Serotonin Levels Are Associated with Decreased Exercise Capacity in Long-COVID Patients During ICPET</i>	M. G. Risbano¹, L. Campedelli², K. Yoney³, G. Kitsios⁴, S. Y. Chan⁵, F. C. Sciorba⁶, A. Morris⁷; ¹ Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Pulmonary, Allergy, Critical Care and Sleep Medicine, Pittsburgh, PA, United States, ³ Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁴ Pulmonary Allergy and Critical Care Medicine, Pittsburgh, PA, United States, ⁵ Division of Cardiology, University of Pittsburgh, Pittsburgh, PA, United States, ⁶ Univ of Pittsburgh Med Ctr, Pittsburgh, PA, United States, ⁷ Div of Pulm Allergy & Crit Care, Univ of Pittsburgh, Pittsburgh, PA, United States.
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Thematic Poster Session (Tues 5/21)
C67: SCIENCE AND BEDSIDE BACTERIAL PNEUMONIA • 9:15AM-4:15PM
Facilitator: Georgios Kitsios, MD, PhD, Pulmonary Allergy and Critical Care Medicine, Pittsburgh, PA • 11:30-1:15PM
 San Diego Convention Center, Area L (Hall H, Ground Level)

11:30AM-1:15PM	<i>Anti-inflammatory Roles of Type I Interferon Signaling in the Lung</i>	J. Feng ¹ , Y. Liu ² , J. Kim ³ , F. Ahangari ⁴ , N. Kaminski ⁵ , W. Bain⁶, Z. Jie⁷, C. Dela Cruz⁸, L. Sharma⁹; ¹ Department of Pulmonary and Critical Care Medicine, Shanghai Fifth People's Hospital, Shanghai, China, ² Shanghai Emerging and Re-emerging Institute, Shanghai Public Health Clinical Center, Fudan University, Shanghai, China, ³ School of Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁴ Pulmonary, Yale School of Medicine, New Haven, CT, United States, ⁵ Department of Medicine, Yale School of Medicine, New Haven, CT, United States, ⁶ Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁷ The Department of Respiratory Medicine, The Fifth People's Hospital of Shanghai, Shanghai, China, ⁸ Yale New Haven Hosp, New Haven, CT, United States, ⁹ Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States
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Clinical Care Track: When Sepsis Goes Viral: Reconsidering Sepsis in the Post-COVID Era • 2:15PM-3:45PM (Tues 5/21)

Time	Location	Session #	Session Title	Faculty
3:03PM-3:17PM	San Diego Convention Center, Room 24A-C (Upper Level)	C83	<i>Dysregulated: How the Immune Response Varies in Viral vs Bacterial Sepsis and What it Means for Immunomodulating Therapies</i>	Georgios Kitsios, MD, PhD. University of Pittsburgh, Pittsburgh, PA

Mini Symposium (Tues 5/21)
C95: NEW CLINICAL TRIAL RESULTS IN CHRONIC LUNG DISEASE • 2:15PM-3:45PM
 San Diego Convention Center, Ballroom 20A (Upper Level)

3:15PM-3:27PM	<i>Beta-blocker Use and Clinical Outcomes in Patients with COPD and Acute Myocardial Infarction: Results From the</i>	D. Lafon ¹ , E. Helgeson ² , S. Lindberg ² , H. Voelker ² , S. P. Bhatt ³ , R. Casaburi ⁴ , S. J. Cassady ⁵ , J. Connett ² , G. J. Criner ⁶ , U. S. Hatipoglu ⁷ , D. A. Kaminsky ⁸ , K. M. Kunisaki ⁹ , S. C. Lazarus ¹⁰ , C. E. Mcevoy ¹¹ , R. M. Reed ¹² , F. C. Sciorba¹³, W. W. Stringer¹⁴, M. T. Dransfield¹⁵; ¹ University of Alabama at Birmingham, Birmingham, AL, United States, ² Division of Biostatistics,
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	<i>BLOCK-COPD Observational Study</i>	University of Minnesota, Minneapolis, MN, United States, ³ Pulmonary, Allergy and Critical Care Medicine, University of Alabama at Birmingham, Birmingham, AL, United States, ⁴ The Lundquist Institute for Biomedical Innovation, Torrance, CA, United States, ⁵ Pulmonary & Critical Care Medicine, University of Maryland School of Medicine, Baltimore, MD, United States, ⁶ Pulm & Crit Care Med, Temple Univ Hosp, Philadelphia, PA, United States, ⁷ Respiratory Institute, Cleveland clinic, Cleveland, OH, United States, ⁸ Medicine, Univ of Vermont College of Med, Burlington, VT, United States, ⁹ Pulmonary and Sleep (111N), Minneapolis VA, Minneapolis, MN, United States, ¹⁰ Division of Pulmonary & Critical Care Medicine, Univ of California San Francisco, San Francisco, CA, United States, ¹¹ Pulmonary/Sleep/Research, HealthPartners Institute, Minneapolis, MN, United States, ¹² Pulmonary and Critical Care Medicine, Baltimore, MD, United States, ¹³ Univ of Pittsburgh Med Ctr, Pittsburgh, PA, United States, ¹⁴ Medicine, Lundquist Institute at Harbor-UCLA Medical Center, Torrance, CA, United States, ¹⁵ Univ of Alabama Birmingham & Birmingham VA Med Ctr, Birmingham, AL, United States.
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Mini Symposium (Tues 5/21)

C96: PRECISION MEDICINE IN CRITICAL CARE: EXPLORING ARDS AND SEPSIS PHENOTYPES • 2:15PM-4:15PM

San Diego Convention Center, Room 6A (Upper Level)

2:39PM-2:51PM	<i>Consensus Clinical Phenotyping of Acute Respiratory Failure and Physician Gestalt Predictions of Biological Host-response Subphenotypes</i>	G. Kitsios¹, M. Haque², W. Bain¹, J. Evankovich¹, N. Prendergast¹, M. K. Hensley¹, T. L. Suber¹, C. Schaefer¹, N. Lenkey¹, M. Nouriae¹, Y. Zhang¹, B. J. Mcverry¹, F. A. Shah¹ ; ¹ Pulmonary Allergy, Critical Care and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² George Washington University School of Public Health, Washington, DC, United States.
2:51PM-3:03PM	<i>Inflammatory Subphenotype Is Associated with Acute Brain Dysfunction in Mechanically Ventilated Patients</i>	N. Prendergast¹, C. Franz², C. A. Onyemekwu¹, K. M. Potter³, Y. Zhang¹, W. Bain¹, F. A. Shah¹, M. Nouriae¹, B. J. Mcverry¹, G. Kitsios^{1a}, T. D. Girard³ ; ¹ Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Pulmonary and Critical Care Medicine, UPMC, Harrisburg, PA, United States, ³ Department of Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.

Mini Symposium (Tues 5/21)

C97: TOBACCO, E-CIGARETTES, AND AIR POLLUTION: MAJOR ENVIRONMENTAL THREATS TO LUNG HEALTH

2:15PM-4:15PM

Marriott Marquis San Diego Marina, Pacific Ballroom 24-26 (Ground Floor, North Tower)

2:39PM-2:51PM	<i>PM2.5 Associations with Lung Function in Patients with Pulmonary Sarcoidosis</i>	S. E. Kim¹, K. F. Gibson², D. Kass³, M. Broerman⁴, Y. Zhang⁵, M. Nouriae⁶, G. C. Goobie⁷ ; ¹ Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Department of Medicine, Division of Pulmonary, Allergy and Critical Care Medicine, Univ of Pittsburgh Med Ctr, Pittsburgh, PA, United States, ³ Division of Pulmonary, Allergy, and Critical Care Medicine University of Pittsburgh Medical Center, University of Pittsburgh, Pittsburgh, PA, United States, ⁴ Department of Medicine, Division of Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ⁵ Univ of Pittsburgh, Pittsburgh, PA, United States, ⁶ Medicine, PACCM, University of Pittsburgh, Pittsburgh, PA, United States, ⁷ Medicine, Division of Respiratory Medicine, University of British Columbia, Vancouver, BC, Canada.
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Mini Symposium (Tues 5/21) C98: ENERGIZING THE LUNG: MITOCHONDRIA AND METABOLIC PATHWAYS • 2:15PM-4:15PM San Diego Convention Center, Room 7A-B (Upper Level)		
3:03PM-3:15PM	<i>Macrophage Inflammatory and Metabolic Function Is Reduced with Loss of Adenine Nucleotide Translocase 1 (Ant1) in COPD</i>	J. Sui¹, J. Shi¹ , A. R. Johnson ² , S. Shiva ² , C. R. Kliment³ ; ¹ Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ² Pharmacology and Chemical Biology, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ³ Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
Mini Symposium (Tues 5/21) C99: I CAN SEE THE FUTURE: NOVEL WAYS TO PREDICT COPD • 2:15PM-4:15PM Marriott Marquis San Diego Marina, Grand Ballroom 11-13 (Lobby Level, North Tower)		
3:15PM-3:27PM	<i>Increased Gut Permeability Associates with Multimorbidity in COPD</i>	A. Yang¹, M. Nouraei¹ , J. Pu ² , Y. Zhang¹, A. Morris¹, F. C. Sciruba¹, M. Koenigshoff¹, J. Bon¹ ; ¹ Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Department of Radiology, University of Pittsburgh, Pittsburgh, PA, United States.
Poster Discussion Session (Tues 5/21) C101: UNDERSTANDING LUNG IMMUNITY IN THE BATTLE AGAINST INFECTION • 2:15PM-4:15PM San Diego Convention Center, Room 25A-C (Upper Level)		
2:15PM-4:15PM	<i>STAT1 Regulates Pro-survival SLC7A11 and Limits Monocyte Accumulation in Lung Injury</i>	A. P. Gheware ¹ , Z. Xiong ¹ , Z. Bou Reslan ¹ , S. Kassab ¹ , T. Mohammadreza² , P. Bhojraj ¹ , K. Chen² , J. Haspel ¹ , D. Byers ¹ , H. S. Kulkarni ¹ , S. L. Brody ¹ , J. Lee ¹ ; ¹ Division of Pulmonary and Critical Care Medicine, Washington University in St. Louis, St. Louis, MO, United States, ² Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
2:15PM-4:15PM	<i>Patients on Benralizumab, Dupilumab, or Mepolizumab Have Lower Post-vaccination SARS-CoV-2 Immunity</i>	P. Lamothe ¹ , M. Runnstrom ¹ , C. Faliti ¹ , N. Cheedarla ¹ , A. Moreno ¹ , M. Suthar ² , R. Nahata ² , M. Ravindran ¹ , N. Haddad ¹ , A. Morrison-Porter ¹ , H. Quehl ¹ , R. P. Ramonell³ , M. Woodruff ¹ , F. Anam ¹ , R. Zhang ² , C. Swenson ¹ , C. Polito ¹ , W. A. Neveu ¹ , R. Patel ¹ , N. Smirnova ¹ , C. Kim ¹ , I. Hentenaar ¹ , S. Kyu ¹ , S. Usman ¹ , T. Ngo ¹ , Z. Guo ² , H. Wu ² , J. Daiss ¹ , J. Park ¹ , B. Wali ² , K. Manning ² , M. Ellis ² , S. Sharma ⁴ , F. L. Holguin ⁴ , S. Cheedarla ¹ , A. Neish ¹ , J. Roback ¹ , I. Sanz ¹ , F. E. Lee ¹ ; ¹ Emory University School of Medicine, Atlanta, GA, United States, ² Emory University, Atlanta, GA, United States, ³ University of Pittsburgh, Pittsburgh, PA, United States, ⁴ University of Colorado, Aurora, CO, United States
RAPiD Poster Discussion Session (Tues 5/21) C102: CLINICAL AND TRANSLATIONAL ADVANCES IN ASTHMA • 2:15PM-4:15PM San Diego Convention Center, Room 28C-E (Upper Level)		
2:15PM-4:15PM	<i>Longitudinal Clinical Course of Participants With Asthma in Severe Asthma Research Program (SARP) Cohort</i>	K. Sumino ¹ , B. R. Phillips ² , M. Gauthier ³ , E. Israel ⁴ , D. T. Mauger ⁵ , V. E. Ortega ⁶ , E. A. Townsend ⁷ , J. G. Zein ⁸ , E. R. Bleeker ⁹ , M. Castro ¹⁰ , M. A. Aronica ¹¹ , S. A. Comhair ¹² , L. C. Denlinger ¹³ , S. C. Erzurum ¹⁴ , J. V. Fahy ¹⁵ , N. N. Jarjour ¹⁶ , B. D. Levy ⁴ , W. C. Moore ¹⁷ , W. Phipatanakul ¹⁸ , P. Woodruff ¹⁹ , S. E. Wenzel²⁰ ; ¹ Washington Univ in St Louis, Saint Louis, MO, United States, ² Pennsylvania State University, Hershey, PA, United States, ³ UPMC Montefiore, Univ of Pittsburgh, Pittsburgh, PA, United States, ⁴ Brigham and Womens Hosp, Boston, MA, United States, ⁵ Department of Public Health Sciences, College of Medicine, Pennsylvania State University, Hershey, PA, United States, ⁶ Mayo Clinic, Scottsdale, AZ, United States, ⁷ Department of

		Anesthesiology, University of Wisconsin, Madison, WI, United States, ⁸ Respiratory Institute, Cleveland Clinic, Cleveland, OH, United States, ⁹ Medicine, University of Arizona, Tucson, AZ, United States, ¹⁰ Pulmonary Critical Care & Sleep Medicine, Univ of Kansas, Kansas City, KS, United States, ¹¹ Cleveland Clinic, Cleveland, OH, United States, ¹² Cleveland Clinic, Cleveland, OH, United States, ¹³ Medicine, University of Wisconsin-Madison, Madison, WI, United States, ¹⁴ Cleveland Clinic Foundation, Cleveland, OH, United States, ¹⁵ Pulmonary and Critical Care Medicine, Univ of California At San Francisco, San Francisco, CA, United States, ¹⁶ Univ of Wisconsin Hosps & Clinics, Madison, WI, United States, ¹⁷ Pulmonary and Critical Care Medicine, Wake Forest Sch of Med, Winston-Salem, NC, United States, ¹⁸ Harvard Medical School, Boston Children's Hospital, Boston, MA, United States, ¹⁹ Medicine, University of California, San Francisco, San Francisco, CA, United States, ²⁰ Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States.
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RAPiD Poster Discussion Session (Tues 5/21)
C105: RESPIRATORY REVELATIONS: EPIDEMIOLOGIC STUDIES IN ASTHMA, COPD, AND LUNG FUNCTION • 2:15PM-4:15PM
San Diego Convention Center, Room 11A-B (Upper Level)

2:15PM-4:15PM	<i>Decline in Lung Function Is Associated With Neighborhood-level Socioeconomic Disadvantage in a Tobacco Exposed Cohort of Individuals With and Without Chronic Obstructive Pulmonary Disease</i>	J. Radder, M. Saul, C. M. Karoleski, M. Nourai, J. Bon, A. Morris, F. C. Sciurba ; Department of Medicine, Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
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Poster Discussion Session (Tues 5/21)
C106: CORONADO BRIDGE: LINKING NOVEL EXTRA-THORACIC DISEASE MECHANISMS WITH PAH • 2:15PM-4:15PM
San Diego Convention Center, Room 6E (Upper Level)

2:15PM-4:15PM	<i>Plasma Proteomics Identifies Beta-2-microglobulin (B2M) as a Regulator of Pulmonary Hypertension in Heart Failure With Preserved Ejection Fraction</i>	J. Jheng ¹ , J. T. DesJardin ² , Y. Chen ³ , Y. Bai ¹ , T. Cook ¹ , L. M. Hibbard ⁴ , A. Fisher ¹ , Y. Zhang ⁵ , J. Duarte ⁶ , A. A. Desai ⁷ , R. F. Machado ¹ , M. Simon ⁸ , Y. Lai ¹ ; ¹ Division of Pulmonary, Critical Care, Sleep, and Occupational Medicine, Indiana University School of Medicine, Indianapolis, IN, United States, ² University of California San Francisco, San Francisco, CA, United States, ³ Academia Sinica Taiwan, Taipei, Taiwan, ⁴ Indiana University School of Medicine, Indianapolis, IN, United States, ⁵ University of Pittsburgh, Pittsburgh, PA, United States, ⁶ University of Florida, Gainesville, FL, United States, ⁷ Medicine/Cardiology, Indiana University School of Medicine, Indianapolis, IN, United States, ⁸ Cardiology, University of California San Francisco, San Francisco, CA, United States.
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Poster Discussion Session (Tues 5/21)
C107: MICROBIAL RESPIRATORY INFECTIONS DISCOVERIES • 2:15PM-4:15PM
San Diego Convention Center, Room 33A-C (Upper Level)

2:15PM-4:15PM	<i>Mutations Drive Increased Elastase Activity in Pseudomonas Aeruginosa Clinical Isolates</i>	S. E. Fernandes ¹ , C. McElheny ² , Y. Doi ² , M. Nourai ³ , J. Lee ⁴ , P. Jorth ¹ ; ¹ Pathology and lab medicine, Cedars Sinai Medical Center, Los Angeles, CA, United States, ² University of Pittsburgh, Pittsburgh, PA, United States, ³ Medicine, PACCM, University of Pittsburgh, Pittsburgh, PA, United States, ⁴ Division of Pulmonary and Critical Care Medicine, Washington University in St. Louis, St. Louis, MO, United States.
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2:15PM-4:15PM	<i>Associations of COPD and Related Outcomes With</i>	A. M. Rusk ¹ , P. Balte ² , N. Allen ³ , R. Barr ⁴ , E. A. Regan ⁵ , R. P. Bowler ⁶ , S. Cole ⁷ , D. Couper ⁸ , R. Demmer ⁹ , D. Margaret ¹⁰ , M. Elkind ¹¹ , R. Kaplan ¹² , J.
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	<p><i>COVID-19 Hospitalization or Death: The C4R, Copdgene, and Spiromics Studies</i></p>	<p>S. Lee¹³, W. Post¹⁴, V. Ramachandran¹⁵, D. A. Schwartz¹⁶, R. Tracy¹⁷, S. E. Wenzel¹⁸, P. Woodruff¹⁹, V. Xanthakis²⁰, S. Garudadri²¹, W. Mckleroy²², B. J. Make⁶, E. Oelsner²³, V. E. Ortega²⁴; ¹Pulmonary and Critical Care, Mayo Clinic, Phoenix, AZ, United States, ²General Medicine, New York, NY, United States, ³Pulmonary and Critical Care, Northwestern, Chicago, IL, United States, ⁴Medicine, Columbia University Medical Center, New York, NY, United States, ⁵National Jewish Health, Denver, CO, United States, ⁶Natl Jewish Health, Denver, CO, United States, ⁷Texas Biomedical Research Institute, San Antonio, TX, United States, ⁸Biostatistics, Chapel Hill, NC, United States, ⁹Pulmonary and Critical Care, Mayo Clinic, Rochester, MN, United States, ¹⁰Pulmonary and Critical Care, UVM, Virginia, VA, United States, ¹¹Pulmonary and Critical Care, Columbia, New York, NY, United States, ¹²Pulmonary and Critical Care, Einstein, Trenton, NJ, United States, ¹³Univ of Colorado Denver, Aurora, CO, United States, ¹⁴Pulmonary and Critical Care, Michigan, Ann Arbor, MI, United States, ¹⁵Medicine, Boston University School of Medicine, Boston, MA, United States, ¹⁶Dept of Med, Univ of Colorado, Aurora, CO, United States, ¹⁷Pulmonary and Critical Care, University of Virginia, UVA, VA, United States, ¹⁸Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States, ¹⁹Medicine, University of California, San Francisco, San Francisco, CA, United States, ²⁰Pulmonary and Critical Care, BU, Boston, MA, United States, ²¹Pulmonary, Critical Care, Allergy, Sleep Medicine, UCSF, San Francisco, CA, United States, ²²Pulmonary/Critical Care, UCSF, San Francisco, CA, United States, ²³Division of General Medicine, Department of Medicine, New York, NY, United States, ²⁴Mayo Clinic, Scottsdale, AZ, United States.</p>
<p>2:15PM-4:15PM</p>	<p><i>Post-acute Sequelae of COVID-19 Among Healthcare Workers: Findings From a National Registry</i></p>	<p>I. Konstantinidis¹, H. Xu², L. E. Thomas², L. W. Cohen², L. Webb², E. O'Brien², A. Morris¹; ¹Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ²Duke Clinical Research Institute, Duke University, Durham, NC, United States.</p>
<p><u>Poster Discussion Session</u> (Tues 5/21)</p>		
<p>C108: MECHANISMS OF LUNG INFLAMMATION AND INFECTION • 2:15PM-4:15PM</p>		
<p>San Diego Convention Center, Room 1A-B (Upper Level)</p>		
<p>2:15PM-4:15PM</p>	<p><i>Epidermal Growth Factor Receptor Regulates Beclin-1 in Hyperoxia-Induced Lung Injury</i></p>	<p>Z. M. Harris¹, Y. Sun¹, A. Korde², B. Hu³, L. Sharma⁴, E. P. Manning⁵, J. O. Joerns⁶, B. J. Clark⁷, G. L. Stanley⁸, H. Shin¹, L. Placek⁹, D. Unutmaz⁹, H. J. Chun¹⁰, M. Sauler¹¹, G. Rajagopalan¹², X. Zhang¹, H. Wang¹, M. Kang¹³, J. L. Koff¹⁴; ¹Yale University School of Medicine, New Haven, CT, United States, ²Internal Medicine, Yale School of Medicine, New Haven, CT, United States, ³Department of Medicine, New Haven, CT, United States, ⁴Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁵Pulmonary, Critical Care, Sleep Medicine, Yale School of Medicine, New Haven, CT, United States, ⁶Division of Pulmonary and Critical Care; Department of Internal Medicine, UT Southwestern Medical Center, Dallas, TX, United States, ⁷Pulmonary Critical Care and Sleep Medicine, Yale University, New Haven, CT, United States, ⁸PCCSM, Yale University, New Haven, CT, United States, ⁹The Jackson Laboratory for Genomic Medicine, Farmington, CT, United States, ¹⁰Cardiovascular Medicine, New Haven, CT, United States, ¹¹Pulmonary & Critical Care, Yale University, New Haven, CT, United States, ¹²Section of PCCSM, Yale University School of Medicine, New Haven, CT, United States, ¹³Int Med Pulm, Yale University, New Haven, CT, United States, ¹⁴Yale University, New Haven, CT, United States.</p>

Poster Discussion Session (Tues 5/21) C109: PAP THERAPY CHRONICLES: THE ART OF RESTFUL NIGHTS • 2:15PM-4:15PM Marriott Marquis San Diego Marina, Pacific Ballroom 15-17 (Ground Floor, North Tower)		
2:15PM-4:15PM	<i>Less REM Sleep Predicts Mortality in Adults With Coronary Artery Disease and Obstructive Sleep Apnea: The RICCADSA Trial</i>	Y. Peker ¹ , B. Balcan ¹ , Y. Celik ² , P. J. Strollo ³ , S. Redline ⁴ ; Pulmonary Medicine, Koc University School of Medicine, Istanbul, Turkey, ² Neuroscience, Koç University Graduate School of Health Sciences, Istanbul, Turkey, ³ Univ of Pittsburgh Sch of Medicine, Pittsburgh, PA, United States, ⁴ Dept of Med & Div of Sleep Med, Brigham and Women's Hospital, Boston, MA, United States.
Poster Discussion Session (Tues 5/21) C110: SURFING THE INNOVATION WAVE IN SAN DIEGO: CUTTING-EDGE LUNG CANCER BIOMARKERS, DIAGNOSTICS AND TREATMENTS • 2:15PM-4:15PM San Diego Convention Center, Room 5A-B (Upper Level)		
2:15PM-4:15PM	<i>Comparison of Procedural Safety and Diagnostic Yield Between Robotic Bronchoscopy Platforms</i>	P. Nauka ¹ , P. Yacono ² , M. Vercauteren ³ , M. Schuchert ⁴ , R. Dhupar ⁴ , D. G. Dunlap ⁵ , R. Semaan ¹ ; ¹ Pulmonary, Allergy, Sleep and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ² Department of Medicine / Internal Medicine Residency, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ³ Surgical Services Division, VA Pittsburgh Healthcare System, Pittsburgh, PA, United States, ⁴ Cardiothoracic Surgery, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ⁵ PACCM, University of Pittsburgh Medical Center, Pittsburgh, PA, United States.
2:15PM-4:15PM	<i>Modeling Treatment Effect of Onvansertib, A Polo Like 1 (PLK1) Inhibitor, in Small Cell Lung Cancer Using Radiomic Analysis</i>	N. Singh ¹ , Z. Liu ² , Y. Huang ³ , J. Pu ⁴ , T. K. Owonikoko ³ ; ¹ Pulmonary, Allergy, Sleep and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Electrical and Computer Engineering, University of Pittsburgh, Pittsburgh, PA, United States, ³ Hematology and Oncology, University of Pittsburgh, Pittsburgh, PA, United States, ⁴ Radiology, University of Pittsburgh, Pittsburgh, PA, United States.

WEDNESDAY, MAY 22, 2024

Scientific Symposium (Wed 5/22) D9: LINKING NOVEL MULTI-OMICS WITH MACHINE LEARNING TO UNLOCK LUNG PATHOPHYSIOLOGY • 8:15 AM -9:45 AM Marriott Marquis San Diego Marina, Pacific Ballroom 24-26 (Ground Floor, North Tower)		
8:20AM- 8:40 AM	<i>Determining Asthma Endotypes and Outcomes: Complementing Existing Clinical Practice with Modern Machine Learning</i>	Sally E. Wenzel, MD, ATSF. Univ of Pittsburgh, Pittsburgh, PA
Mini Symposium (Wed 5/22) D12: POUR SOME SUGAR ON ME: METABOLISM IN LUNG INJURY AND REPAIR • 8:15 AM -10:15 AM San Diego Convention Center, Room 2 (Upper Level) Moderator: Marc Gauthier, MD Univ of Pittsburgh, Pittsburgh, PA		
Mini Symposium (Wed 5/22) D15: MACHINE LEARNING AND LARGE COHORT STUDIES TO UNDERSTAND EXPOSURE-RELATED LUNG DISEASE • 8:15 AM -10:15 AM San Diego Convention Center, Room 28A-B (Upper Level) Moderator: Mehdi Nourai, MD, PhD University of Pittsburgh, Pittsburgh, PA		

Mini Symposium (Wed 5/22) D19: UNRAVELING THE IMPACT OF OSA ON NEUROCOGNITIVE FUNCTION • 8:15 AM -9:45 AM San Diego Convention Center, Room 30A-B (Upper Level)		
8:39 AM- 8:51 AM	<i>Associations of Insomnia Symptoms With SARS-CoV-2 Infection and Recovery: The Collaborative Cohort of Cohorts for COVID-19 Research (C4R) Study:</i>	Y. Jin ¹ , J. Zhang ¹ , C. Castro-Diehl ² , P. Balte ¹ , K. Pettee Gabriel ³ , E. A. Regan ⁴ , J. S. Lee ⁵ , V. Xanthakis ⁶ , A. Kanaya ⁷ , W. S. Post ⁸ , S. Judd ³ , S. E. Wenzel ⁹ , P. Woodruff ⁷ , S. A. Cole ¹⁰ , S. S. Redline ² , E. Oelsner ¹ ; ¹ Division of General Medicine, Department of Medicine, Columbia University Irving Medical Center, New York, NY, United States, ² Dept of Med & Div of Sleep Med, Brigham and Women's Hospital, Boston, MA, United States, ³ University of Alabama at Birmingham, Birmingham, AL, United States, ⁴ National Jewish Health, Denver, CO, United States, ⁵ Univ of Colorado Denver, Aurora, CO, United States, ⁶ Department of Medicine, Boston University Chobanian & Avedisian School of Medicine, Boston, MA, United States, ⁷ Medicine, University of California, San Francisco, San Francisco, CA, United States, ⁸ School of Medicine, Johns Hopkins University, Baltimore, MD, United States, ⁹ Professor of Med PACCM, Univ of Pittsburgh, Pittsburgh, PA, United States, ¹⁰ Texas Biomedical Research Institute, San Antonio, TX, United States.
8:51 AM- 9:03 AM	<i>Association of Sleep Apnea Physiological Burdens and Markers of White Matter Injury: The Multi-ethnic Study of Atherosclerosis</i>	M. Hajipour ¹ , W. Hu ² , N. Esmaeili ³ , S. Sands ⁴ , A. Wellman ⁵ , Y. Kwon ⁶ , I. M. Nasrallah ⁷ , R. Bryan ⁸ , P. J. Strollo ⁹ , S. R. Heckbert ¹⁰ , S. S. Redline ¹¹ , N. Ayas ¹² , A. Azarbarzin ¹³ ; ¹ Experimental Medicine, University of British Columbia, Vancouver, BC, Canada, ² Division of Sleep and Circadian Disorders, Harvard Medical School, Boston, MA, United States, ³ Division of Sleep Medicine, Brigham and Women's Hospital, Harvard medical school, Boston, MA, United States, ⁴ Division of Sleep and Circadian Disorders, Harvard Medical School, Boston, MA, United States, ⁵ Harvard Medical School, Boston, MA, United States, ⁶ Department of Medicine, University of Washington, Seattle, WA, United States, ⁷ Department of Radiology, University of Pennsylvania, Philadelphia, PA, United States, ⁸ Department of Radiology, University of Pennsylvania, Philadelphia, PA, United States, ⁹ Univ of Pittsburgh Sch of Medicine, Pittsburgh, PA, United States, ¹⁰ Department of Epidemiology, University of Washington, Seattle, WA, United States, ¹¹ Dept of Med & Div of Sleep Med, Brigham and Women's Hospital, Boston, MA, United States, ¹² University of british columbia, Vancouver, BC, Canada, ¹³ Medicine, Harvard Medical School, Boston, MA, United States.
Poster Discussion Session (Wed 5/22) D21: TERMINATOR: CONTROL OF AIRWAY INFLAMMATION AND IMMUNE RESPONSE IN ASTHMA • 8:15-10:15 AM San Diego Convention Center, Room 31A-C (Upper Level)		
8:15AM- 10:15AM	<i>T2 Inflammation Predicts Severity More Strongly in T1/CCL5High Asthma Than in T1/CCL5Low Asthma</i>	M. Gauthier ¹ , M. Nourai ¹ , R. P. Ramonell ¹ , J. V. Fahy ² , M. A. Seibold ³ , M. Castro ⁴ , N. N. Jarjour ⁵ , B. Gaston ⁶ , E. R. Blecker ⁷ , D. A. Meyers ⁸ , W. C. Moore ⁹ , A. T. Hastie ¹⁰ , E. Israel ¹¹ , B. D. Levy ¹¹ , D. Mauger ¹² , S. C. Erzurum ¹³ , S. A. Comhair ¹⁴ , S. E. Wenzel ¹⁵ , A. Ray ¹ , NHLBI Severe Asthma Research Program (SARP III); ¹ Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ² Pulmonary and Critical Care Medicine, Univ of California At San Francisco, San Francisco, CA, United States, ³ Center for Genes, Environment and Health, National Jewish Health, Denver, CO, United States, ⁴ Pulmonary Critical Care & Sleep Medicine, Univ of Kansas, Kansas City, KS, United States, ⁵ Univ of Wisconsin Hosps & Clinics, Madison, WI, United States, ⁶ School of Medicine, Wells Center for Pediatric Research, Riley Children's Hospital, Indianapolis, IN, United States, ⁷ Medicine, University of Arizona, Tucson, AZ, United States, ⁸ Genetics, Genomics, and Precision Medicine, University of Arizona, Tucson, AZ,

		United States, ⁹ Pulmonary and Critical Care Medicine, Wake Forest Sch of Med, Winston-Salem, NC, United States, ¹⁰ Dept Int Med - Pulmonary, Wake Forest School of Medicine, Winston Salem, NC, United States, ¹¹ Brigham and Womens Hosp, Boston, MA, United States, ¹² Statistics and Bioinformatics, Department of Public Health Sciences, Pennsylvania State University, Hershey, PA, United States, ¹³ Cleveland Clinic Foundation, Cleveland, OH, United States, ¹⁴ Cleveland Clinic, Cleveland, OH, United States, ¹⁵ Environmental and Occupational Health, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States
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Poster Discussion Session (Wed 5/22)
D26: UNVEILING CONNECTIONS: TOBACCO, CANNABIS, E-CIGARETTES, AND RESPIRATORY HEALTH INSIGHTS
• 8:15-10:15 AM
San Diego Convention Center, Room 6E (Upper Level)

8:15AM-10:15AM	<i>The Pittsburgh Vaping Questionnaire: A Novel Instrument to Assess E-cigarette Use in Adults</i>	M. Zhang ¹ , T. Nee ² , C. Murray¹, S. Blacka³ , J. J. Rose ⁴ , L. E. Crotty Alexander ⁵ , D. Chandra⁶ ; ¹ Allergy Immunology, UPMC, Pittsburgh, PA, United States, ² Medicine, University of Pittsburgh Asthma and Environmental Lung Health Institute, Pittsburgh, PA, United States, ³ UPMC, Pittsburgh, PA, United States, ⁴ University of Maryland School of Medicine, Baltimore, MD, United States, ⁵ Medicine, UCSD and VASDHS, San Diego, CA, United States, ⁶ Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States
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8:15AM-10:15AM	<i>Disproportionate Use of the Emergency Department by Patients 3-years After EVALI</i>	M. Zhang¹, T. Nee², C. Murray¹, S. Blacka¹, A. Morris³, J. J. Rose⁴, D. Chandra⁵ ; ¹ Allergy Immunology, UPMC, Pittsburgh, PA, United States, ² Medicine, University of Pittsburgh Asthma and Environmental Lung Health Institute, Pittsburgh, PA, United States, ³ Div of Pulm Allergy & Crit Care, Univ of Pittsburgh, Pittsburgh, PA, United States, ⁴ University of Maryland School of Medicine, Baltimore, MD, United States, ⁵ Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States
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8:15AM-10:15AM	<i>Association of E-cigarette Use With Circulating Eosinophils and Basophils Differs by HIV Serostatus</i>	T. Nee, M. S. Zhang, S. Blacka, C. Murray, A. Morris, D. Chandra; Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
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8:15AM-10:15AM	<i>E-cigarette Users Report Increased Respiratory Symptoms and Dyspnea Compared to Non-users</i>	T. Nee¹, M. S. Zhang¹, A. Morris¹, J. Rose², S. E. Wenzel³, D. Chandra¹; ¹ Division of Pulmonary, Allergy, and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Department of Medicine, University of Maryland, Baltimore, MD, United States, ³ Department of Occupational and Environmental Health, University of Pittsburgh, Pittsburgh, PA, United States
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Poster Discussion Session (Wed 5/22)
D27: LATE BREAKING WAVE! LATE BREAKING ABSTRACTS IN PULMONARY VASCULAR DISEASE • 8:15-10:15 AM
San Diego Convention Center, Room 25A-C (Upper Level)
Moderator: **Lianghui Zhang**, University of Pittsburgh School of Medicine, Pittsburgh, PA

Mini Symposium (Wed 5/22)
D91: BRIDGING THE GAP: TRANSLATIONAL STUDIES IN ARDS, PNEUMONIA, AND SEPSIS • 11:00AM-1:00 PM
Marriott Marquis San Diego Marina, Pacific Ballroom 18-19 (Ground Floor, North Tower)

11:36AM-11:48AM	<i>Single Nucleotide Variation in CX3CL1 and Risk for Bacterial Pneumonia and ARDS</i>	K. Inman¹, J. Chernus², M. Lee³, Y. Zhao¹, F. A. Shah¹, F. B. Mayr⁴, L. Sharma¹, J. Bon¹, C. Dela Cruz¹, J. K. Alder¹, B. J. Mcverry¹, P. J. Strollo¹, Y. Zhang¹, G. Kitsios¹, E. Feingold², W. Bain¹; ¹ Division of Pulmonary, Allergy, Critical Care, and Sleep Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States, ² Department of Human Genetics, University of Pittsburgh, Pittsburgh, PA, United States, ³ Center
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		for Craniofacial and Dental Genetics, University of Pittsburgh School of Dental Medicine, Pittsburgh, PA, United States, ⁴ Department of Critical Care Medicine, University of Pittsburgh School of Medicine, Pittsburgh, PA, United States.
Mini Symposium (Wed 5/22) D93: LOOKING BEYOND THE LUNGS: COPD AND COMORBIDITIES • 11:00AM-1:00PM San Diego Convention Center, Room 6B (Upper Level) Moderator: Jessica Bon, MD, MS Univ of Pittsburgh, Pittsburgh, PA		
12:00PM-12:12PM	<i>Lung-related Risk Factors For Low Bone Mineral Density in Tobacco-exposed Individuals Not Meeting Osteoporosis Screening Criteria</i>	X. Du ¹ , M. Nourai ² , J. Pu ³ , C. M. Karoleski ² , F. C. Sciarba ² , J. Bon ² ; ¹ Department of Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ² Department of Medicine, Division of Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³ Radiology, University of Pittsburgh, Pittsburgh, PA, United States
Mini Symposium (Wed 5/22) D95: SURVEYING THE ZOO: -OMICS FOR MECHANISTIC DISCOVERY IN PULMONARY VASCULAR DISEASE • 11:00AM-1:00PM San Diego Convention Center, Room29A-D (Upper Level)		
12:36 PM-12:48PM	<i>Integrative Multiomics in the Lung Reveals a Protective Role of Asporin in Pulmonary Arterial Hypertension</i>	J. Hong ¹ , L. Medzikovic ² , W. Sun ¹ , G. Ruffenach ³ , B. Wong ¹ , C. J. Rhodes ⁴ , A. J. Brownstein ⁵ , L. Liang ¹ , L. Aryan ¹ , M. Li ¹ , A. Vadgama ¹ , Z. Kurt ⁶ , T. Schwantes-An ⁷ , E. Mickler ⁷ , S. Gräf ⁸ , M. Eyries ⁹ , K. Lutz ¹⁰ , M. Pauciulo ¹⁰ , R. Trembath ¹¹ , F. Perros ¹² , D. Montani ¹³ , N. Morrell ¹⁴ , F. Soubrier ¹⁵ , M. R. Wilkins ¹⁶ , W. C. Nichols ¹⁷ , M. Aldred ¹⁸ , A. A. Desai ¹⁹ , D. Tréguët ²⁰ , R. Saggat ²¹ , R. N. Channick ²² , R. M. Tuder ²³ , M. W. Geraci ²⁴ , R. Stearman ⁷ , X. Yang ¹ , M. Eghbali ¹ ; ¹ UCLA, Los Angeles, CA, United States, ² Anesthesiology & Perioperative Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA, United States, ³ Anesthesiology, UCLA, Los Angeles, CA, United States, ⁴ NHLI, Imperial College London, London, United Kingdom, ⁵ University of California Los Angeles, Los Angeles, CA, United States, ⁶ Northumbria University, Tyne, United Kingdom, ⁷ Indiana University, Indianapolis, IN, United States, ⁸ Medicine, University of Cambridge, Cambridge, United Kingdom, ⁹ Hôpital Pitié-Salpêtrière, Paris, France, ¹⁰ University of Cincinnati, Cincinnati, OH, United States, ¹¹ King's College London, London, United Kingdom, ¹² Inserm U999, Paris, France, ¹³ Service de Pneumologie, Centre de reference de l'Hypertension Pulmonaire Sévère, Hopital de Bicetre, Le Kremlin Bicêtre, France, ¹⁴ University of Cambridge, Cambridge, United Kingdom, ¹⁵ UMRS1166, Faculté de médecine Sorbonne -Université, Paris, France, ¹⁶ Imperial College, London, United Kingdom, ¹⁷ Division of Human Genetics, Cincinnati Childrens Hosp Med Ctr, Cincinnati, OH, United States, ¹⁸ Department of Medicine, Indiana University, Indianapolis, IN, United States, ¹⁹ Medicine/Cardiology, Indiana University, Indianapolis, IN, United States, ²⁰ Univ. Bordeaux, Bordeaux, France, ²¹ Medicine - Pulmonary & Critical Care Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA, United States, ²² Medicine, David Geffen School of Medicine at UCLA, Los Angeles, CA, United States, ²³ Pulmonary Dept, Univ of Colorado Denver Sch of Med, Aurora, CO, United States, ²⁴ Department of Medicine, University of Pittsburgh, Pittsburgh, PA, United States.
Poster Discussion Session (Wed 5/22) D101: UNCOVERING THE METABOLIC AND GENETIC UNSOLVED MYSTERIES IN ASTHMA • 11:00AM-1:00PM San Diego Convention Center, Room 33A-C (Upper Level) Moderator: Richard Paul Ramonell, MD University of Pittsburgh, Pittsburgh, PA		

<p>Poster Discussion Session (Wed 5/22)</p> <p>D105: BALBOA PARK EXPLORERS: TRANSLATIONAL SCIENCE AND EPIDEMIOLOGY IN PH • 11:00AM-1:00PM</p> <p>San Diego Convention Center, Room 25A-C (Upper Level)</p>		
11:00AM-1:00PM	<p><i>Metabolomic Assessment of Chronic PE at Rest and Peak Exercise Identifies Abnormal complex Lipid Metabolism</i></p>	<p>M. G. Risbano¹, A. Kelder², L. Campedelli¹, B. N. Rivera-Lebron¹, S. Y. Chan³; ¹Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ²Division of Internal Medicine, University of Pittsburgh, Pittsburgh, PA, United States, ³Division of Cardiology, University of Pittsburgh, Pittsburgh, PA, United States.</p>
<p>Poster Discussion Session (Wed 5/22)</p> <p>D109: NOW WE GOT BAD BLOOD: RSF/PC JOINT SESSION ON PULMONARY VASCULAR DISEASE • 11:00AM-1:00PM</p> <p>San Diego Convention Center, Room 28C-E (Upper Level)</p> <p>Moderator: Michael G. Risbano, MD, MA, University of Pittsburgh, Pittsburgh, PA</p>		
11:00AM-1:00PM	<p><i>Hemodynamic and Blood Volume Assessment in a Cohort of Preload Insufficiency Subject at Submaximal Exercise</i></p>	<p>S. Fakhri¹, L. Campedelli¹, M. G. Risbano²;</p> <p>¹Division of Pulmonary, Allergy, Critical Care and Sleep Medicine, University of Pittsburgh Medical Center, Pittsburgh, PA, United States, ²Pulmonary, Allergy and Critical Care Medicine, University of Pittsburgh, Pittsburgh, PA, United States.</p>