Thursday, October 4, 2018

7:00 – 8:00 am  **Registration, Refreshments, and Poster Viewing**  
(LOBBY AND BALLROOM A, FIRST FLOOR)

**MAIN MEETING SESSION: BALLROOM B, SECOND FLOOR**

8:00 – 8:15 am  **Welcome and Opening Remarks**  
Rama K. Mallampalli, MD; University of Pittsburgh School of Medicine  
Alvar Agusti, MD; University of Barcelona

<table>
<thead>
<tr>
<th>Session 1:</th>
<th>CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)</th>
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<tr>
<td><strong>Session Chairs:</strong></td>
<td>Robert A. Wise, MD; Johns Hopkins University</td>
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<td>Frank Sciurba, MD; University of Pittsburgh School of Medicine</td>
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8:15 – 8:20 am  **Session Chair Introduction**

8:20 – 8:40 am  **COPD Comorbidities**  
Jessica Bon Field, MD  
University of Pittsburgh School of Medicine

8:40 – 9:00 am  **COPD Systems Biology**  
Alvar Agusti, MD, PhD, FRCP, FERS  
University of Barcelona

9:00 – 9:10 am  **Short Talk:**  
**Thinking Inside the F-box in COPD**  
Divay Chandra, MD, MSc  
University of Pittsburgh School of Medicine

9:10 – 9:30 am  **Genetic Determinants of COPD**  
R Graham Barr, MD, PhD  
Columbia University

9:30 – 9:50 am  **Lung-Cigarette Interactions in Emphysema**  
Enid R. Neptune, MD  
Johns Hopkins University

9:50 – 10:10 am  **COPD 2020: Where Will We Be?**  
Bartolome R. Celli, MD  
Brigham and Women’s Hospital

10:10 – 10:25 am  **Panel Discussion**
10:25 – 10:40 am  **Refreshment Break and Poster Viewing**  
(BALLROOM A, FIRST FLOOR)

10:40 – 11:00 am  **Special Lecture:**  
*The NHLBI’s Strategic Vision for Training*  
*James P. Kiley, PhD, MS*  
*National Heart, Lung, and Blood Institute (NHLBI)*

11:00am-12:00pm  **The Pulmonary Chiefs: Challenges to Maintain a Pipeline to Pulmonary Academic Medicine**  
*Rama K. Mallampalli, MD; University of Pittsburgh School of Medicine*  
*Jason D. Christie, MD, MSCE; University of Pennsylvania*  
*Bruce Levy, MD; Brigham and Women’s Hospital*  
*Jonathan B. Orens, MD; Johns Hopkins University*

12:00 – 1:00 pm  **Buffet Lunch (provided)**  
(GOLD ROOM, SECOND FLOOR)

1:00 – 1:25 pm  **Poster Viewing**  
(BALLROOM A, FIRST FLOOR)

### Session 2: **ACUTE RESPIRATORY DISTRESS SYNDROME (ARDS)**

**Session Chairs:**  
*Nilam S. Mangalmurti, MD; University of Pennsylvania*  
*Roy G. Brower, MD; Johns Hopkins University*  
*Bryan McVerry, MD; University of Pittsburgh School of Medicine*

1:25 – 1:30 pm  **Session Chair Introduction**

1:30 – 1:50 pm  **Genetic Determinants of ARDS Outcomes**  
*Nuala J. Meyer, MD, MS*  
*University of Pennsylvania*

1:50 – 2:00 pm  **Short Talk:**  
*Can We Resolve ARDS?*  
*Raja-Elie Abdulnour, MD*  
*Brigham and Women’s Hospital*

2:00 – 2:20 pm  **The Epithelial Cell at the Frontline of Host Defense in ALI**  
*Yutong Zhao, PhD*  
*University of Pittsburgh School of Medicine*

2:20 – 2:40 pm  **Host-pathogen Interactions in ARDS**  
*Charles Dela Cruz, MD, PhD*  
*Yale University*

2:40 – 3:00 pm  **The T Cell in Acute Lung Injury: Friend or Foe?**  
*Franco R. D’Alessio, MD*  
*Johns Hopkins University*
3:00 – 3:15 pm  Panel Discussion
3:15 – 3:35 pm  Refreshment Break and Poster Viewing  
(BALLROOM A, FIRST FLOOR)

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>3:35 – 3:40 pm</td>
<td>Session Chair Introduction</td>
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| 3:40 – 3:50 pm | Short Talk:  
Asthma and Th17 Pathways  
Patrick R. Burkett, MD, PhD  
Brigham and Women’s Hospital |
| 3:50 – 4:10 pm | Asthma Biomarkers  
Nadia N. Hansel, MD, MPH  
Johns Hopkins University |
| 4:10 – 4:30 pm | Mechanisms of Steroid Resistance in Asthma  
Anuradha Ray, PhD  
University of Pittsburgh School of Medicine |
| 4:30 – 4:50 pm | Plasma Biomarkers, Metabolism, and Severe Asthma  
Michael Peters, MD  
University of California at San Francisco |
| 4:50 – 5:10 pm | Asthma Therapy Discovery:  
Lessons from the NIH CADET Program  
Geoffrey L. Chupp, MD  
Yale University |
| 5:10 – 5:25 pm | Panel Discussion                            |

5:25 pm  Adjournment

5:30 – 6:45 pm  Poster Reception  
(BALLROOM A, FIRST FLOOR)

6:45 – 7:00 PM  Travel Time to Banquet Dinner

7:00 – 9:00 pm  Banquet Dinner and Keynote Presentation:  
(SOLDIERS & SAILORS MEMORIAL HALL & MUSEUM – GRAND BALLROOM)  

Lecture TBD  
Judith Campisi, PhD  
Buck Institute for Research on Aging
Friday, October 5, 2018

8:00 – 8:30 am  Registration, Refreshments, and Poster Viewing  
(LOBBY AND BALLROOM A, FIRST FLOOR)

**MAIN MEETING SESSION: BALLROOM B, SECOND FLOOR**

8:30 – 8:35 am  Welcome and Opening Remarks  
*John F. McDyer, MD; University of Pittsburgh School of Medicine*  
*Daniel J. Kass, MD; University of Pittsburgh School of Medicine*

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**Session 4: INTERSTITIAL LUNG DISEASE (ILD)**
**Session Chairs:**  
*Michael F. Beers, MD; University of Pennsylvania*  
*Daniel Kass, MD; University of Pittsburgh School of Medicine*

8:35 – 8:40 am  Session Chair Introduction

8:40 – 9:00 am  Telomere Shortening in Lung Fibrosis: From Research to Clinics  
*Maria Molina-Molina, MD, PhD*  
*University of Barcelona*

9:00 – 9:20 am  Aging and Fibrosis: The Common Telomere Thread  
*Jonathan K. Alder, PhD*  
*University of Pittsburgh School of Medicine*

9:20 – 9:30 am  Short Talk:  
*The Microbiome in Idiopathic Pulmonary Fibrosis*  
*Georgios Kitsios, MD, PhD*  
*University of Pittsburgh School of Medicine*

9:30 – 9:50 am  Durotaxis: The Stiff Road to Pulmonary Fibrosis  
*David Lagares, PhD*  
*Harvard Medical School*

9:50 – 10:10 am  Can We Treat ILD in Systemic Sclerosis?  
*Robyn T. Domsic, MD, MPH*  
*University of Pittsburgh School of Medicine*

10:10 – 10:25 am  Panel Discussion

10:25 – 10:35 am  Refreshment Break and Poster Viewing  
(BALLROOM A, FIRST FLOOR)

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**Session 5: INTERVENTIONAL PULMONARY**
**Session Chairs:**  
*David Feller-Kopman, MD; Johns Hopkins University*  
*Roy Semaan, MD; University of Pittsburgh School of Medicine*
10:35 – 10:40 am  
**Session Chair Introduction**

10:40 – 11:00 am  
**Cryobiopsy**  
*Carmen M. Lucena, MD*  
*University of Barcelona*

11:00 – 11:20 am  
**Endobronchial Ultrasound**  
*Lonny B. Yarmus, DO*  
*Johns Hopkins University*

11:20 – 11:40 am  
**Harnessing Next Generation Interventions to Study Lung Cancer**  
*Edmund K. Moon, MD*  
*University of Pennsylvania*

11:40 – 11:55 am  
**Panel Discussion**

11:55am – 12:55pm  
**Buffet Lunch (provided)**  
*(GOLD ROOM, SECOND FLOOR)* and  
**Poster Viewing**  
*(BALLROOM A, FIRST FLOOR)*

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### Session 6: Physiologic and Molecular Phenotyping for Obstructive Sleep Apnea

**Session Chairs:**  
*Richard J. Schwab, MD; University of Pennsylvania*  
*Sanjay Patel, MD; University of Pittsburgh School of Medicine*

12:55 – 1:00 pm  
**Session Chair Introduction**

1:00 – 1:20 pm  
**Physiologic Phenotyping for Obstructive Sleep Apnea**  
*Scott A. Sands, PhD*  
*Brigham and Women’s Hospital*

1:20 – 1:40 pm  
**A Precision Medicine Approach to Obstructive Sleep Apnea and Resistant Hypertension**  
*Francisco Campos-Rodriguez, MD*  
*University of Barcelona*

1:40 – 1:55 pm  
**Panel Discussion**

1:55 – 2:05 pm  
**Refreshment Break and Poster Viewing**  
*(BALLROOM A, FIRST FLOOR)*

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### Session 7: Lung Transplant

**Session Chairs:**  
*Jason D. Christie, MD, MSCE; University of Pennsylvania*  
*Jonathan B. Orens, MD; Johns Hopkins University*

2:05 – 2:10 pm  
**Session Chair Introduction**
2:10 – 2:30 pm  **Tandem Lung and Bone Marrow Transplant in Select Patients with Lung Failure**  
John F. McDyer, MD  
University of Pittsburgh School of Medicine

2:30 – 2:50 pm  **NextGen Sequencing in Pulmonary Host Defense and Transplant**  
Kong Chen, PhD  
University of Pittsburgh School of Medicine

2:50 – 3:10 pm  **Lung Transplant Allocation: Can We Do Better?**  
Christian A. Merlo, MD, MPH  
Johns Hopkins University

3:10 – 3:30 pm  **Lung Transplant Outcomes**  
Edward Cantu III, MD, MSCE  
University of Pennsylvania

3:30 – 3:45 pm  **Panel Discussion**

3:45 – 4:15 pm  **Awards Ceremony**

4:15 – 4:30 pm  **Concluding Remarks**  
Rama Mallampalli, MD

4:30 pm  **Adjournment**