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

**Session 1:**  **CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD)**  
**Session Chairs:**  
Robert A. Wise, MD; Johns Hopkins University  
Frank Sciurba, MD; University of Pittsburgh School of Medicine

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*  
Neil Aggarwal, MD  
*National Heart, Lung, and Blood Institute (NHLBI)*  

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

Session 3:  ASTHMA

Session Chairs:  
Bruce Levy, MD; Brigham and Women’s Hospital  
Sally Wenzel, MD; University of Pittsburgh School of Medicine

3:35 – 3:40 pm  Session Chair Introduction

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

**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)

**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)

**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)

**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