The Science & Innovation Center, located in the Grand Hall (200 Level) is a forum for scientists and researchers to meet, network, learn and rest.

The Science & Innovation Center is organized by representatives of Assemblies on: Allergy, Immunology and Inflammation (AII), Pulmonary Infections and Tuberculosis, (PI-TB), Respiratory Cell and Molecular Biology (RCMB), and Respiratory Structure and Function (RSF).

### Schedule

#### Sunday, May 17
- **7:30–8:15 a.m.**
  - Aging and Regeneration in the Lung
  - Speaker: Purushothama Rao Tata, MSc, PhD
- **8:15–9 a.m.**
  - Navigating ATS
  - Speaker: Laura Crotty Alexander, MD, ATSF
- **9:15–10 a.m.**
  - PRDS Awards Ceremony
- **10:15–11 a.m.**
  - Human Lung Cell Atlas for Study of Health, Disease and Aging
  - Speakers: Paul A. Reyfman, MD, MS; Laure-Emmanuelle Zaragosi, PhD
- **11 a.m.–12:30 p.m.**
  - Lunch and Learn: Improving the Quality and Reproducibility of Flow Cytometry in the Lung
  - Speakers: Elizabeth Redente, PhD; Robert Tighe, MD; Benjamin Singer, MD, ATSF
- **12:45–1:30 p.m.**
  - Exploring the Benefits of Participating in ATS—a PhD Perspective and Panel Discussion
  - Speakers: Samantha Yeligar, MS, PhD; Scott Randell, PhD; Melanie Koenighoff, MD, PhD, ATSF

#### Monday, May 18
- **7:30–8:15 a.m.**
  - Early Career Professionals Coffee Corner
- **8:15–9 a.m.**
  - Beyond Alum and Capsular Polysaccharides: Novel Vaccine Approaches for Pulmonary Infection
  - Speakers: Elizabeth Norton, PhD; Jay K. Kolls, MD
- **9:15–10 a.m.**
  - Getting to Endotypes in the Study of Complex Diseases
  - Speakers: Stephanie Christenson, MD, MS; Craig Hersh, MD, MPH, ATSF
- **10:15–11 a.m.**
  - Get in the Game: Executive Coaching as a Tool for Leadership Development
  - Speakers: Reynold A. Panettieri, Jr., MD; Jeffrey Kaplan, PhD
- **11 a.m.–12:30 p.m.**
  - Lunch and Learn: Working with Industry - What Should I Know?
  - Speakers: Sumita Khatri, MD, MS; David M. Rapoport, MD, ATSF; Joseph R. Arron, MD, PhD
- **3:30–4:30 p.m.**
  - MTDS Reception

#### Tuesday, May 19
- **7:30–8:15 a.m.**
  - Early Career Professionals Coffee Corner
- **8:15–9 a.m.**
  - Mentorship Matters:
    - How to Connect, Motivate and Achieve
    - Speakers: Gwen Skloot MD, ATSF; Charlie Irvin PhD, ATSF; David Chapman BSc, PhD
- **9:15–10 a.m.**
  - Molecular Imaging of Pulmonary Diseases
  - Speaker: Scott Turner, PhD
- **10:15–11 a.m.**
  - How to Study the Lung Microbiome
  - Speakers: Bob Dickson, MD; Craig Hersh, MD, MPH, ATSF
- **11 a.m.–12:30 p.m.**
  - Lunch and Learn: Use of Big Data in Translational Research
  - Speakers: Philip Alan Verhoef, PhD, MD, ATSF; Matthew Michael Churpek, MD, MPH, PhD, ATSF
- **1–1:45 p.m.**
  - Lung Organoids—Modeling Lung Development and Lung Diseases
  - Speaker: William Zacharias, MD, PhD
- **1:45–2:30 p.m.**
  - AI in Healthcare and Research
  - Speakers: Blanca Camoretti Mercado, PhD; Jason H. T. Bates, PhD, DSc, ATSF
- **2:45–3:45 p.m.**
  - Forming a Relationship: Patients, Advocates, and Scientists Working Together as a Team
  - Speakers: Heather Kirkwood (Patient); Donna Appell, RN (PAR); Resat Cinar, BScPh, PhD, MBA (Researcher)
- **4–5 p.m.**
  - Relax and unwind with us!