RCMB Assembly-at-a-Glance

The Early Career Professionals Working Group (ECPWG) of the ATS Assembly on Respiratory Cell and Molecular Biology (RCMB) welcomes you to ATS 2022! The scope of the RCMB Assembly includes all scientists studying cell and molecular biology of the lung, including normal lung development, aging, regeneration, and disease pathogenesis. RCMB, like a living cell, is formed of committees and working groups that work like organelles to contribute to our overall mission. We put together this card to help you navigate the functions of the "RCMB organelles" and find areas to connect and become active in the RCMB.

Science and Innovation Center

Representatives:

Tom Mariani, PhD (tom mariani@urmc.rochester.edu) and Francesca Polverino (fpolverino@copdnet.org)

- Offers Conference sessions of interest to basic and translational scientists
- Hosts the annual reception for PhDs and other basic science researchers
- Selects recipients of SIC Abstract and Rising Star Awards
- Organizes the ATS Bear Cage

Nominating Committee

Chair: Melanie Koenigshoff, MD, PhD (koenigshoffm@upmc.edu)

· Nominates candidates for key RCMB Assembly positions

Innovation & Entrepreneurial Working Group

Chairs: Louise Hecker, PhD (<u>louise.hecker@emory.edu</u>) and Milica Vukmirovic, PhD (vukmirom@mcmaster.ca)

- Supports entrepreneurship in academic pulmonary medicine and research
- Provides education related to entrepreneurship
- Mentors investigators in early-stage drug and technology development

PhD, Basic, & Translational Scientists Working Group

Representatives: Elizabeth Redente, PhD (redentee@njhealth.org) and Scott Randell, PhD (scott_randell@med.unc.edu)

- Promotes PhD and basic scientist engagement in RCMB and ATS activities
- Seeks to build value in ATS membership for PhD and basic and translational science researchers

Early Career Professionals Working Group

Chairs: Jaime Hook, MD (jaime.hook@mssm.edu) and Ciara Shaver MD. PhD (ciara.shaver@vumc.org)

- Promotes participation by early career professionals
- Organizes the Mentoring and Apprenticeship Programs

The Assembly on

RCMB

Assembly Chair:

Patricia Sime, MD

Selects recipients of the REAAch Award

Program Committee

Chairs: Christopher Waters, PhD (chris.waters41@uky.edu) and Rachel Zemans. MD (zemansr@med.umich.edu)

- Programs and plans RCMB sessions at the ATS Conference
- Reviews abstracts submitted to the RCMB Assembly

Website Committee

Chair: Brian Southern, MD (southeb@ccf.org)

- Maintains the RCMB Assembly website and social media presence
- Generates RCMB web content, including podcasts and journal clubs

Planning Committee

Chair: Elizabeth Redente, PhD (redentee@njhealth.org)

- Provides guidance to RCMB members proposing RCMB Assembly projects
- Selects recipients of RCMB Assembly awards

ATS Basic Science Core Working Group

Representatives: Irina Petrache (petrachei@njhealth.org) and Ivana Yang (ivana.yang@cuanschutz.edu)

 Provides RMCB input into annual planning of the ATS Conference Basic Science Core topic

Lung Aging Research Working Group

Chairs: Irfan Rahman, PhD (<u>irfan rahman@urmc.rochester.edu</u>)
Benjamin Singer, MD (benjamin-singer@northwestem.edu)
Mareike Lehmann, PhD (mareike.lehmann@helmholtz-muenchen.de)
Beata Kosmider, MS, PhD (beata.kosmider@temple.edu)

- Raises awareness and disseminates knowledge of lung aging science
- Promotes advancing knowledge of age-associated therapeutic targets that may promote enhanced lung resilience and repair





Learn more about RCMB





RCMB Guide to ATS 2022

for Early Career Professionals

RCMB Membership Meeting

Location: Moscone Room 3001/3003 Date: Sunday, May 15th, 2022 Time 5:00 - 7:00 pm

Saturday, May 14th

Opening Ceremony: Catherine Grace Coleman, PhD 4:30-5:30pm-Moscone Hall E (North Building, Exhibition Level)

Networking Exchange for Early Career Professionals 5:30-6:30pm-Moscone Outdoor Terrace (South, Level 3)

Sunday, May 15th

Measures of Acute Lung Injury in Animal Models* 10:00-12:00pm-Science and Innovation Center Moscone Room 153 (South Building, Upper Mezzanine)

Rising Star and SIC Abstract Awards*
12:00-3:00pm-Science and Innovation Center
Moscone Room 155 (South Building, Upper Mezzanine)

Epithelial-Mesenchymal Biology in Lung Development and Regeneration*

Mini Symposium (A98) 2:15-3:45pm-Moscone 2018/2020 (West Building, Level 2)

PhD and Basic Science Reception (Registration required) 3:00-5:00pm-Science and Innovation Center Moscone Room 155 (South Building, Upper Mezzanine)

Respiratory Health Awards Session 4:00-5:00-pm-Moscone, Hall E (North Building, Exhibition Level)

Mentoring Reception (after the RCMB Membership Meeting) 7:00-9:00pm-Moscone West Overlook 3018, Level 3BD Light appetizers and refreshments will be served



Monday, May 16th

ATS Mythbusters: Aging Biology and Cellular Senescence in Chronic Lung Disease-Chicken or the Egg Scientific Symposium (B5)

9:30am-11:00am-Moscone 2010/2012 (West Building, Level 2)

Mid Career Panel Discussion: Navigating Changes in Mid-Career: Pivots and Promotions 1:00-2:00pm-Center for Career Development Moscone Room 153 (South Building, Upper Mezzanine)

Grant Mechanisms for Early Career Professionals: Where should I start?

3:00-4:00pm-Science and Innovation Center Room 155 (South Building, Upper Mezzanine)

Molecular and Cellular Mechanisms of Injury and Repair in Acute Lung Injury and ARDS*
Mini Symposium (B98)

2:15-3:45pm-Moscone 2001/2003 (West Building, Level 2)

Tuesday, May 17th

Early Career Professionals Coffee Corner 8:00-9:00am-Science and Innovation Center Moscone Room 155 (South Building, Upper Mezzanine)

Novel Therapeutics and Biomarkers for Idiopathic Pulmonary Fibrosis*
Mini Symposium (C17)

9:30-11:00am-Moscone 215-216 (South Building, Level 2)

Sex, Lungs, and Environmental Exposures Scientific Symposium (C9) 9:30-11:001m-Moscone 201-202 (South Building, Level 2)

How to Build and Manage a Strong Research Team 11:00am-12:00pm-Science and Innovation Center Moscone Room 155 (South Building, Upper Mezzanine

Plenary Session Keynote Speaker: J. Randall Curtis, MD, MPH 11:30am-1:00pm-Moscone 3000-3004 (West Building, Level 3)

Learn more about RCMB

Meet the RCMB ECP Working Group

Follow RCMB on Twitter! @ATS RCMB

Tuesday, May 17th (cont.)

Scientific Breakthroughs in Lung Health and Disease: Emphasis on RNA Biology

Scientific Symposium (C92)

2:15-3:45pm-Moscone 2001/2003 (West Building, Level 2)

The Functional Impact of Cellular Senescence on Lung Disease Overarching Pathological Processes: Fighting a Common Enemy*

Scientific Symposium (C91)

2:15-3:45pm-Moscone 2010/2012 (West Building, Level 2)

More Than Making Up for Lost Time: Career Development after COVID19

Scientific Symposium (C90)

2:15-3:45pm-Moscone 2014/2016 (West Building, Level 2)

Best in Pediatrics* Mini Symposium (C96)

2:15-3:45pm-Moscone 3005/3007 (West Building, Level 3)

Wed, May 18th

New Insights in Fibroblast Biology and Pulmonary Fibrosis* Mini Symposium (D18)

8:15-9:45am-Moscone 215-216 (South Building, Level 2)

Non-COVID-19 Health Impacts of the Pandemic: Applying Lessons to Improve Respiratory Health Scientific Symposium (D87)

12:45-2:15pm-Moscone 215-216 (South Building, Level 2)

Dissecting Lung Disease Down to a Single-Cell: Recent scRNA-Seq Breakthroughs in Pulmonary Pathogenesis* Scientific Symposium (D88)

12:45pm-2:15pm-Moscone 2001/2003 (West Building, Level 2)

COVID-19: Lessons Learned and the Path Forward Scientific Symposium (D90)

12:45-2:15pm-Moscone 3001/3003 (West Building, Level 3)

Macrophages and Inflammation in Acute Lung Injury* Mini Symposium (D97)

12:45-2:15pm-Moscone 2010/2012 (West Building, Level 2)