



2021 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 2021! 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@umc.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

Early Career Professionals Working Group

Chair: Jaime Hook, MD (jaime.hook@mssm.edu)

- Promotes participation by early career professionals
- Organizes the Mentoring and Apprenticeship Programs
- Selects recipients of the REAAch Award

Program Committee

Chairs: Jeanine D'Armiento, MD, PhD

(jmd12@columbia.edu) and Christopher Waters, PhD
(chris.waters41@uky.edu)

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

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 (louise.hecker@emory.edu) 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

The Assembly on RCMB

Assembly Chair:
Patricia Sime, MD

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

Outgoing Chair: Jeffrey Horowitz, MD (jeffrey.horowitz@osumc.edu)
Incoming Chair: Elizabeth Redente, PhD (redentee@njhealth.org)

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

PhD, Basic, and 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 activities
- Organizes the annual reception for PhDs and other basic science researchers

ATS Basic Science Core Working Group

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

- Provide RCMB input into annual planning of the ATS Conference Basic Science Core topic

Lung Aging Research Working Group

Chairs: Irfan Rahman, PhD (irfan_rahman@umc.rochester.edu) and
Benjamin D. Singer, MD (benjamin-singer@northwestern.edu)

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



ATS 2021



[Learn more about RCMB](#)



[Meet the RCMB ECP Working Group](#)



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INTERNATIONAL CONFERENCE **MAY 14-19**

RCMB Guide to ATS 2021

for Early Career Professionals

Assembly on
Respiratory Cell and
Molecular Biology



RCMB Membership Meeting

Location: Wherever you are!
Date: May 12th, 2021
Time 6:00 - 8:00 pm EST
[Register here!](#)

Saturday, May 15th

Early Career Professionals KICKOFF
LIVE! 6:30 – 7:00 pm EDT

Opening Ceremony:

A Breakthrough Address ft. Anthony Fauci, MD, NIAID
ATS Update: Juan Celedon, MD, DrPH, ATSF, President of ATS
Presentation of the 2021 Respiratory Health Awards
LIVE! 7:00 – 8:00 pm EDT

Sunday, May 16th

Mini Symposium:

Novel Discoveries in Lung Biology
LIVE! 1:30 – 3:00 pm EDT

Faculty Development Series:

Promotion Process in Academic Medicine
LIVE! 2:00 – 3:00 pm EDT

Career Pathways After Completing Fellowship

LIVE! 4:00 – 5:00 pm EDT

Joint Scientific Symposium:

*Military Deployment Respiratory Health:
Insights into Potential Exposures, Clinical Findings and Mechanisms*
LIVE! 7:00 – 8:30 pm EDT

Monday, May 17th

Scientific Symposium:

Sex as a Vital Biological Variable in Lung Disease across the Lifespan
LIVE! 8:00 – 9:30 am EDT

Blue, Red, White, ATS Scholar Combined Journal Session

LIVE! 11:30 am – 1:00 pm EDT

Faculty Development Series:

How to Build Your Academic CV
LIVE! 2:00 – 3:00 pm EDT

Meet the Experts:

Lung Aging: New Preclinical Models & Mechanisms of Cell Senescence
LIVE! 5:30 – 6:30 pm EDT

Tuesday, May 18th

Mini Symposium:

Modulators of Lung Injury and Repair
LIVE! 10:00 – 11:30 am EDT

Faculty Development Series:

Networking in the Time of COVID and Beyond
LIVE! 2:00 – 3:00 pm EDT

Pursuing an Academic Career as an International Medical Graduate (IMG)

LIVE! 4:30 – 6:30 pm EDT

IMG Networking Hour

LIVE! 5:30 – 6:30 pm EDT

Scientific Symposium:

Molecular Mechanisms Defining Host-Pathogen Interactions in COVID-19 Lung Infection
LIVE! 3:30 – 5:00 pm EDT

Plenary Session:

Keynote address by filmmaker Rodrigo Garcia Barcha
Ratification of 2021-2022 slate of ATS officers
Closing remarks: Juan Celedon, MD, DrPH, ATSF
LIVE! 7:00 – 8:00 pm EDT

ON DEMAND

Keynote Series:

Vaccines on the Horizon: Implications for Practice and Policy
Ft. Kristen Feemster, MD, MPH, MSHF

Keynote Series:

Breathing New Life into Research and Practice with Sex and Gender Science
Ft. Cara Tannenbaum, MDCM, Msc

Keynote Series:

*Crisis Communication in a Respiratory Pandemic:
The Complicated Intersection of Media, Data and Politics*
Ft. Vinay Gupta, MD, MPA, MSt

Keynote Series:

*The Climate Gap: Connecting Equity and Sustainability
To Advance Environmental Justice*
Ft. Rachel Morello-Frosch, PhD, MPH

Scientific Symposium:

Viral Pneumonia: New Conceptual Approaches to Therapy from Basic and Clinical Research

Center for Career Development:

"A professional networking and career development forum for ECPs in training or transitioning from training in Pulmonary, Critical Care of Sleep Medicine."

[Click HERE to learn more!](#)

ATS Assembly



Mentoring Programs

Designed to foster mentoring connections through individualized attention, the virtual mentoring program matches mentees with mentors based on their areas of interest.

To sign up a mentee or mentor, visit: [ATS Mentoring Programs](#)
The deadline to sign up is May 24.



ATS 2021



[Learn more about RCMB](#)



[Meet the RCMB ECP Working Group](#)



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