

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 2024! 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

Chair: *Clemente Britto-Leon, MD* (clemente.britto@yale.edu)
and *Jennifer Sucre, MD* (jennifer.sucre@vanderbilt.edu)

- 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: *Jeremy Katzen, MD*
(Jeremy.katzen@pennmedicine.upenn.edu)

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

Program Committee

Chair: *Ana Mora, MD* (ana.mora@osumc.edu)
Chair Elect: *Francesca Polverino, MD, PhD* (fpolverino@copdnet.org)

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

Nominating Committee

Chair: *Patricia Sime, MD* (patricia.sime@vcuhealth.org)

- Nominates candidates for key RCMB Assembly positions

Innovation & Entrepreneurial Working Group

Chair: *Milica Vukmirovic, PhD* (vukmirom@mcmaster.ca)
and *Louise Hecker, PhD* (louise.hecker@emory.edu)

- 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: *Lindsay McDonald, PhD* (mcdonlt@muscc.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

The Assembly on RCMB

Assembly Chair:
Enid Neptune, MD

Incoming Chair:
Elizabeth Redente, PhD

ATS Basic Science Core Working Group

Reps: *Karen Ridge, PhD* (kridge@northwestern.edu)
and *Ivana Yang, PhD* (ivana.yang@cuanschutz.edu)

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

Web Committee

Director: *Mark Snyder, MD* (markesnyder@gmail.com)

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

Planning Committee

Chairs: *Stefanie Krick, MD, PhD* (skrick@uabmc.edu)

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

Lung Aging Research Working Group

Chairs: *Irfan Rahman, PhD* (irfan_rahman@umc.rochester.edu)
and *Benjamin 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 resilience and repair



[Learn more about RCMB](#)



[Meet the RCMB ECP Working Group](#)



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RCMB Guide to ATS 2024

for Early Career Professionals

* session features RCMB Early Career Professional Working Group member as speaker or senior author

RCMB Membership Meeting

Location: Marriott Marquis San Diego
Pacific Ballroom 24-26 (Ground Level)
Date: Monday, May 20th, 2024
Time 5:00 - 7:00 pm

Saturday, May 18th

Opening Ceremony: William Flanary, MD - Dr. Glaucomflecken
4:30-5:30pm San Diego Convention Center, Ballroom 20 B-D

Networking Exchange for Early Career Professionals
5:30-6:30pm San Diego Convention Center, Sails Pavilion Terrace

Sunday, May 19th

Multi-Omic and Single Cell Approaches for Elucidating Cellular Biology and Pathobiology of Lung Disease

9:15-11:15am, Basic Science Core A5
Marriott Marquis, Grand Ballroom 5-6 (Lobby Level, North Tower)

Role of Sex in Pulmonary Disease Across the Lifespan
9:15-10:45am Scientific Symposium A6
Convention Center, Room 24A-C (Upper Level)

Red in Action I: Lung Research Highlights from AJRCMB
12:00-1:00pm Mid-Day Session MD1
Convention Center, Room 30A-B (Upper Level)

From Mechanism to Prediction: Application of Metabolomics Across the Pulmonary/Critical Care Spectrum

2:15-3:45pm Basic Science Core A85
Marriott Marquis, Grand Ballroom 5-6 (Lobby Level, North Tower)

COPD Pathogenesis: Opening the Pandora Box*
2:15-4:15pm Poster Discussion Session A108
Convention Center, Room 5A-B (Upper Level)

Respiratory Health Awards Ceremony
4:30-5:30 pm
Convention Center, Ballroom B-D (Upper Level)

Monday, May 20th

The Macrophage in All its Glory
9:15-11:15am Mini Symposium B15
Convention Center, Room 24A-C (Upper Level)

Lungs Through Time: Exploring Lung Aging*
9:15-11:15am Poster Discussion Session B28
Convention Center, Room 33A-C (Upper Level)

AJRCCM, AJRCMB, AnnalsATS, ATS Scholar Combined Journal Talks - Journal Editors
11:00am-12:00pm Learning Studios
Networking Super Center, Convention Center, Sails Pavilion

Research Funding Opportunities
12:00-1:00pm Mid-Day Session MD16
Convention Center, Room 28A-B (Upper Level)

Healing Lungs: Navigating the Pathways of Lung Repair
2:15-4:15pm Mini Symposium B98
Convention Center, Room 6D (Upper Level)

Immune Mechanisms of Acute Lung Injury from COVID and Beyond
2:15-4:15pm Scientific Symposium B87
Marriott Marquis, Pacific Ballroom 24-26 (Ground Floor, North Tower)

Tuesday, May 21st

Charting the Lung: Innovation in Multiomics
9:15-11:15am Mini Symposium C19
Convention Center, Room 32 A-B (Upper Level)

Having a Growth Mindset: Reprogramming Cellular Pathways to Disease
9:15-11:15am Mini Symposium C20
Convention Center, Room 30A-B (Upper Level)



[Learn more about RCMB](#)

[Meet the RCMB ECP Working Group](#)



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Tuesday, May 21st (cont.)

More than Meet the Eye: Novel Insights in IPF Pathogenesis*
9:15-11:15am Poster Discussion C28
Convention Center, Room 30C-E (Upper Level)

Lost in Translation- How Can Ex-Vivo Models Bridge the Gap
12:00-1:00pm Learning Studios
Networking Super Center, Convention Center, Sails Pavilion

Mechanisms of Lung Inflammation and Infection*
2:15-4:15pm Poster Discussion C108
Convention Center, Room 1 A-B (Upper Level)

Energizing the Lung: Mitochondria and Metabolic Pathways
2:15-4:15pm Mini Symposium C98
Convention Center, Room 7A-B (Upper Level)

Machine Learning in Pediatric Pulmonology
2:15-4:15pm Scientific Symposium C87
Marriott Marquis, Grand Ballroom 2-4 (Lobby Level, North Tower)

Wednesday, May 22nd

Development and Regeneration: Unveiling the Secrets of Lung Renewal
8:15-10:15am Mini Symposium D18
Convention Center, Room 32A-B (Upper Level)

What Causes Sarcoidosis?
8:15-9:45am-Scientific Symposium D6
Convention Center, Room 29A-D (Upper Level)

Navigating a Successful Career: Positioning Yourself for a National Presence
12:00-1:00pm Mid-Day Session MD28
Networking Super Center, Convention Center, Sails Pavilion

Breath Beyond: Novel Insights in Lung Injury
11:00am-1:00pm Mini Symposium D96
Marriott Marquis, Grand Ballroom 8-9 (Lobby Level, North Tower)

Cutting Edge Science on Bronchopulmonary Dysplasia
11:00am-1:00pm Poster Discussion Session D106
Convention Center, Room 1A-B (Upper Level)

