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 2023! 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)

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

- 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

Chair: Ciara Shaver MD, PhD (ciara.shaver@vumc.org)

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

Program Committee

Chair: Rachel Zemans, MD (<u>zemansr@med.umich.edu</u>)
Chair Elect: Ana Mora, MD (ana.mora@osumc.edu)

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

Web Committee

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

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

The Assembly on RCMB

Assembly Chair: Enid Neptune, MD

Planning Committee

Chairs: Elizabeth Redente, PhD (redentee@njhealth.org) and Stefanie Krick, MD, PhD (skrick@uabmc.edu)

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

ATS Basic Science Core Working Group

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

Provide 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>) and Benjamin Singer, MD (<u>benjamin-singer@northwestem.edu</u>)

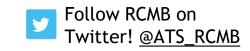
- Raises awareness and disseminates knowledge of lung aging science
- Promotes advancing knowledge of age-associated therapeutic targets that may promote enhanced lung resilience and repair





Learn more about RCMB





RCMB Guide to ATS 2023

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

for Early Career Professionals

RCMB Membership Meeting

Location: Marriott Marquis Washington
Liberty Ballroom M-P (level M4)
Date: Monday, May 22nd, 2023
Time 5:00 - 7:00 pm*
*Stay after for meet-and-greet with the RCMB ECP
working group members

Saturday, May 20th

Opening Ceremony: Stephen K. Klasko, MD, MBA 4:30-5:30pm Washington Convention Center, Hall E (Level 2)

Networking Exchange for Early Career Professionals 5:30-6:30pm Washington Convention Center, Concourse Level

Sunday, May 21st

How Science Promotes Health Equity By Decreasing Disparities 8:00-8:45am Keynote K1, Speaker: Eliseo J. Pérez-Stable, MD Washington Convention Ctr, Hall E (Level 2)

Interrogating Genomic, Transcriptional, And Epigenetic Mechanisms In Lung Fibrosis*
9:00-11:00am Mini Symposium A16
Marriott Marquis Independence Ballroom, Salons A-D (Level M4)

Beyond Transcriptomics: The Next Frontier In COPD/Emphysema 9:00-10:30am Scientific Symposium A6

Washington Convention Ctr, Rm 146 A-C (Street Level)

Physiological And Cellular Impact Of Environmental Exposures* 2:15-3:45pm Basic Science Core A85

Marriott Marquis Independence Ballroom, Salons E-H (Level M4)

Mechanistic Insights And Novel Therapeutics In Acute Lung Injury 2:15-4:15pm Mini Symposium A93

Washington Convention Ctr, Rm 143 A-C (Street Level)

Respiratory Health Awards Ceremony 4:30-5:30 pm Washington Convention Ctr, Hall E (Level 2)

ATS 2023

Monday, May 22nd

Sex-Specific Mechanisms Of Lung Disease Pathogenesis Through The Lens Of Single Cell RNA Sequencing* 9:00-10:30am Scientific Symposium B9 Marriott Marquis Marquis Ballroom, Salon 5 (Level M2)

Playing The Tiki-Taka: The Cell Crosstalk Game In Lung Repair* 9:00-11:00am Mini Symposium B19

Washington Convention Ctr. Rm 202 B (Level 2)

AJRCCM, AJRCMB, AnnalsATS, ATS Scholar Combined Journal Program with Journal Editors

11:00am-1:00pm-Career Development Center Washington Convention Ctr. Hall D (Level 2)

Flow Cytometric Analysis of Lung Structural Cells: Technical Challenges and Strategies

1:00-2:00pm-Science and Innovation Center Washington Convention Ctr, Hall D (Level 2)

Lung Aging: Why Your FEV1 Is Falling And Pneumonia Is Your Final Friend

2:15-3:45pm Scientific Symposium B91

Washington Convention Ctr, Rm 204 A-C (Level 2)

Tuesday, May 23rd

Boss Baby: Emerging Principles In BPD And Lung Development* 9:00-11:00am Mini Symposium C18

Washington Convention Ctr, Rm 102 A-B (Street Level)

Immunology In Context: Mechanisms And Biomarkers That Determine Viral Disease Severity*

9:00-10:30am Scientific Symposium C12

Washington Convention Ctr, Rm 152 A-B (Street Level)

How to Get Funded - Understanding the Nuts and Bolts of an NIH Study Section

10:00-11:00am-Career Development Center Washington Convention Ctr, Hall D (Level 2)

Learn more about RCMB

Meet the RCMB ECP Working Group

Follow RCMB on Twitter! @ATS_RCMB

Tuesday, May 23rd (cont.)

Career in Transition: Academia to Industry 2:00-3:00pm-Science and Innovation Center Washington Convention Ctr. Hall D (Level 2)

Beyond The Transcriptome: How The Multi-"Omic" Universe Provides Novel Insights Into IPF/ILD Pathogenesis 2:15-3:45pm Scientific Symposium C86

Washington Convention Ctr, Rm 207 A-B (Level 2)

Epithelial Responses To Lung Injury 2:15-4:15pm Mini Symposium C97

Washington Convention Ctr, Rm 102 A-B (Street Level)

Even Better Than The Real Thing: Advanced Models Of Lung Disease

2:15-4:15pm Poster Discussion C109

Marriott Marquis, Marquis Ballroom, Salons 9-10 (Level M2)

Immunity And Inflammation In COPD: Novel Findings 2:15-4:15pm Poster Discussion C108

Washington Convention Ctr, Rm 151 B (Street Level)

Wednesday, May 24th

Novel Computational Approaches to Analyze Your Data 8:00-9:00am-Science and Innovation Center Washington Convention Ctr, Hall D (Level 2)

Advancing The Science Of ARDS And Acute Respiratory Failure 8:00-10:00am Mini Symposium D16

Washington Convention Ctr, Ballroom B (Level 3)

New Perspectives On Translational Studies For Lung Fibrosis 8:00-10:00am Mini Symposium D19

Washington Convention Ctr, Rm 146 A-C (Street Level)

Novel Pathways In Inflammatory Lung Injury* 12:00-2:00pm Mini Symposium D96

Washington Convention Ctr, Rm 204 A-C (Level 2)

Beyond Bioenergetics: Cellular Metabolism In Lung Health And Disease

12:00-1:30pm Scientific Symposium D88

Marriott Marquis, Independence Ballroom, Salons E-H (Level M4)