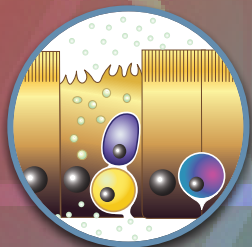


ICMI

JULY
6-10 2024

Tivoli Hotel & Congress Center



SOCIETY FOR
MUCOSAL
IMMUNOLOGY

Scientific Program



SMI Board of Councilors

President

William Agace, PhD
Lund University/Technical
University of Denmark

President-Elect

Rodney Newberry, MD
Washington University School
of Medicine in St. Louis

Treasurer

Clare Lloyd, PhD
Imperial College London

Immediate Past-President

Michael McGuckin, PhD
The University of Melbourne

Councilor, Americas

Theresa Alenghat, DVM, PhD
The University of Cincinnati

Councilor, Industry-Affiliated

Taylor Cohen, PhD
AstraZeneca

Councilor, Australia/Asia

Alexandra Corbett, PhD
The University of Melbourne/Doherty
Institute

Councilor, Americas

Timothy Hand, PhD
The University of Pittsburgh

Councilor, Americas

Iliyan Iliev, PhD
Weill Cornell Medicine

Councilor, Young Professional

Irah King, PhD
McGill University

Councilor, Young Professional

Kathryn Knoop, PhD
Mayo Clinic

Councilor, Europe

Katharina Lahl, PhD
The University of Calgary

Councilor, Americas

Jennifer Lund, PhD
The University of Washington

Councilor, Europe

Mark Travis, PhD
The University of Manchester

Councilor, Australia/Asia

Antiopi Varelias, PhD
QIMR Berghofer Medical
Research Institute

Ex-Officio

Benjamin Marsland, PhD
Monash University

Executive Director

Elizabeth Schlicht, MMgt, CAE
Society for Mucosal Immunology

Welcome to ICMI 2024!

Dear Colleagues,

Welcome to Copenhagen for the 21st International Congress of Mucosal Immunology. We're thrilled to have you join us this week.

The International Congress of Mucosal Immunology, organized by the Society for Mucosal Immunology, brings together researchers, clinician scientists, and industry professionals researching immunology at mucosal surfaces. This is a unique opportunity to connect with fellow mucosal immunologists and glean insights from one another. Throughout the week, there will be numerous opportunities to network, exchange ideas, and develop collaborations. We are excited to see so many of you here to contribute to the congress' success. While you're here we hope you will take time to explore this beautiful city and all it has to offer.

We thank the International Program Committee and all abstract reviewers for their assistance in putting together an engaging and diverse scientific program. Many thanks also to all those who will be presenting throughout the week.

We also extend our gratitude to our sponsors: Gates Foundation, Novo Nordisk Fonden, *Mucosal Immunology* Journal, Scandinavian Foundation for Immunology, Ferring, Inc., Lundbeck Foundation, Helmsley Charitable Trust, NIAID NIH MIST, Merck Sharp & Dohne Corp / EMD Serono, yEFIS/ySSI, and Gem Pharmatech. Without their support, a congress of this scope would not have been possible.

Thank you for joining us in Copenhagen and supporting the Society for Mucosal Immunology. We hope you have productive conversations, enjoy some good science, and have a fantastic time!

Sincerely,



William Agace, PhD
Lund University/Technical
University of Denmark
ICMI 2024 Co-Chair



Katharina Lahl, PhD
University of Calgary
ICMI 2024 Co-Chair



Tim Willinger, MD, PhD
Karolinska Institute
ICMI 2024 Co-Chair

ICMI 2024 International Program Committee

Judi Allen, PhD - The University of Manchester

Nadine Cerf-Bensussan, MD, PhD - INSERM

Kenya Honda, MD, PhD - Keio University School of Medicine

Douglas Kwon, MD, PhD - Harvard University

Clare Lloyd, PhD - Imperial College London

Benjamin Marsland, PhD - Monash University

Kathy McCoy, PhD - University of Calgary

Daniel Mucida, PhD - The Rockefeller University

Oliver Pabst, PhD - RWTH Aachen University

Pablo Romagnoli, PhD - Instituto Universitario de Ciencias Biomedicas de Cordoba

Ludvig Sollid, MD, PhD - University of Oslo

About SMI

It is your painstaking research that is uncovering the vast and intricate network of specialist cells, regulatory proteins and genetic expression that make up our immune system.

It is our honor to support you.

The Society for Mucosal Immunology (SMI) was formed in 1987 to advance research and education related to the field of mucosal immunology. Today, the Society represents a diverse group of more than 800 scientists and clinicians from all over the world.

Learn more and become a member at socmucimm.org.

What are the benefits of your membership?

Annual Meetings

Enjoy discounts on SMI events, like the Virtual Principles of Mucosal Immunology Course (July 2025) and the International Congress of Mucosal Immunology (ICMI 2026) in Montréal. Members also enjoy discounted abstract fees, access to travel grants and childcare travel funds.



About ICMI 2024 in Copenhagen, Denmark

Registration Desk Hours

Please feel free to visit the registration desk for assistance throughout your time at ICMI, located in the Tivoli Congress Hall Foyer.

Saturday, July 6: 14:00 – 18:00

Sunday, July 7: 7:30 – 17:30

Monday, July 8: 8:00 – 17:30

Tuesday, July 9: 8:00 – 17:30

Evaluations

Your feedback matters to us. Please take a moment to complete the overall congress evaluation at <https://www.surveymonkey.com/r/CNF9QX9>.



Do You Need a Certificate of Attendance?

Certificates can be requested by emailing info@socmucimm.org and will be sent electronically after the conclusion of the congress.

WiFi

Network: Tivoli Hotel & Congress Center
Password: tivolihotel

Download the ICMI 2024 App

Use the ICMI 2024 app to access the scientific program, connect with attendees and speakers, read abstracts and subscribe to important alerts. To access the app, download "EventScribe" in the Apple App Store or Google Play Store. After downloading the app type in code: **ICMI2024** to get started.



Grants & Awards

SMI supports the advancement of immunologists through every step of their career through grants and programs:

- Member-exclusive travel awards to attend SMI biennial scientific congress with accepted abstracts.
- Member exclusive Technique-Sharing Travel Grants for early career researchers who want to learn new techniques from other host labs.
- Competitive mentorship program for researchers looking to connect with top leaders in the field.
- External meeting support to build programs for mucosal immunologists.
- Registration and abstract submission discounts for ICMI 2026 and the annual course.

More Benefits

- Free registration to the SMI Webinar Series and archive access
- Free job postings in the SMI Career Center
- Access to the SMI membership directory for direct collaboration with other members
- 20% discount on *Mucosal Immunology* APC for members (a savings of \$760)

Membership Levels Include:

- Regular - (\$120 USD)
- Early Career Investigator - (\$100 USD)
- Student/Trainee - (\$45 USD)
- Regular (Under-Represented Countries) - (\$35 USD)
- Emeritus Membership - (\$55 USD)

Don't Miss these Special Events at ICMI

Opening Reception

You are invited to join us at the Welcome Reception on Saturday, July 6, from 19:00–20:30. This event is located in the foyer outside the Tivoli Congress Hall. This is a wonderful opportunity to meet new people and catch up with old friends while you enjoy drinks and hors d'oeuvres.

SMI Member Business Meeting

All SMI members are welcome to join the annual business meeting on Sunday from 8:30–8:55 in the Tivoli Congress Hall. Join us for a financial update, recognition of outgoing board members, and a celebration of our many committee volunteers.

Poster Receptions

Join us for three evenings of poster hall presentations in the Ballonsalen + Blomstersalen, Harlekin + Columbine Rooms. We've received more than 400 posters and are eager to meet with these researchers over drinks and light hors d'oeuvres on Sunday, Monday and Tuesday night, between 17:30–19:00. All poster receptions are sponsored by:



SMI Mentorship Program

Join us for scientific talks with the current SMI Mentoring Cohorts at 11:00 and 16:00 on Tuesday, July 9 in Vandsalen. Sponsored by:



Join the conversation. Share a selfie
with your poster using #ICMI2024



ICMI 2024 SCIENTIFIC PROGRAM

SATURDAY, JULY 6

14:00 – 18:00	Registration Desk Open	Foyer Ground Floor
17:30 – 18:00	Official Start of ICMI 2024	
	Welcome	Tivoli Congress Hall
	William Agace, PhD, Lund University/Technical, University of Denmark	
	Katharina Lahl, PhD, University of Calgary	
	Tim Willinger, MD, PhD, Karolinska Institutet	
	Opening Remarks & Presentation of Awards	
	William Agace, PhD	
	Young Investigator Award: Ivaylo Ivanov, PhD, Columbia University	
	& Isabella Rauch, PhD, Oregon Health and Science University	
	Distinguished Service Award: Katharina Lahl, PhD, University of Calgary	
	Per Brandtzaeg Distinguished Scientific Achievement Award: Peter Openshaw, PhD, Imperial College London	
18:00 – 19:00	Opening Plenary	Tivoli Congress Hall
	Miriam Merad, MD, PhD, Icahn School of Medicine at Mount Sinai	
19:00 – 20:30	Welcome Reception	Foyer Ground Floor

SUNDAY, JULY 7

7:30 – 17:30	Registration Desk Open	Foyer Ground Floor
8:30 – 8:55	SMI Annual Membership Business Meeting (open to all members)	Tivoli Congress Hall
9:00 – 10:30	Plenary Session – Dynamics of adaptive mucosal immune compartments	Tivoli Congress Hall
	Donna Farber, PhD, Columbia University College of Physicians and Surgeons	
	Laura Mackay, PhD, The University of Melbourne	
	Oliver Pabst, Prof. Dr. rer.nat, RWTH Aachen University	
10:30 – 11:00	Morning Tea	
11:00 – 12:30	Oral Abstract Sessions	Vandsalen, Aud. Carstensen, Pjerrot, Aud. Lumbye
12:30 – 14:30	Network & Lunch	
12:45 – 14:15	Brownbag Session-Insights on mucosal immune function in the era of single cell technologies	Vandsalen
	Raquel Bartolomé-Casado, PhD, Wellcome Sanger Institute	
	Jeffrey R. Moffitt, PhD, Harvard Medical School	
	Marko Nikolic, PhD, University College London	
	Sponsored by: THE LEONA M. AND HARRY B.	
	HELMSLEY	
	CHARITABLE TRUST	
14:30 – 15:30	Concurrent Sessions	
	Early-life mucosal immune protection	Tivoli Congress Hall
	Katharina Lahl, PhD, University of Calgary	
	Mathias Hornef, MD, RWTH University Hospital, Aachen	
	Mucosal immune dysregulation	Vandsalen
	Petra Bacher, Prof. Dr. rer.nat., UKSH Institut für Immunologie	
	Ludvig Sollid, MD, PhD, University of Oslo, Institute of Clinical Medicine	
15:30 – 16:00	Afternoon Tea	
16:00 – 17:30	Oral Abstract Sessions	Vandsalen, Aud. Carstensen, Pjerrot
17:30 – 19:00	Poster Reception	Ballonsalen + Blomstersalen, Harlekin + Columbine
	Sponsored by: MUCOSAL	
	IMMUNOLOGY	

MONDAY, JULY 8

7:45 – 8:45

Breakfast Satellite Session Vandsalen

Novel mouse models for preclinical biomedical research

Jianming Xu, PhD, Director of In Vivo Pharmacology

Humanized mouse models for mucosal immunology study

Juan Liang, PhD, Director of Research and Development Center

Sponsored by:  GemPharmatech

7:30 – 8:45

Mentoring Breakfast Pjerrot

Sponsored by: 

8:00 – 17:30

Registration Desk Open Foyer Ground Floor

9:00 – 10:30

Plenary Session – Microbiota/metabolites/diets in immune-mediated health Tivoli Congress Hall

Theresa Alenghat, VMD, PhD, Cincinnati Children's Hospital Medical Center

Kenya Honda, MD, PhD Keio University School of Medicine

Christoph Thaiss, PhD, Perelman School of Medicine, University of Pennsylvania

10:30 – 11:00

Morning Tea

11:00 – 12:30

Oral Abstract Sessions Vandsalen, Aud. Carstensen, Pjerrot, Aud. Lumbye

12:30 – 14:30

Network & Lunch

12:45 – 14:15

Brownbag Lunch Session – Role of mucosal immunology in understanding vaccine protection in low-income settings Vandsalen

Megan E. Carey, PhD, MSPH, Infectious Diseases Epidemiologist and Public Health Policy Expert

Sponsored by: 

14:30 – 15:30

Concurrent Sessions

Intestinal immune pathology and repair Tivoli Congress Hall

Fiona Powrie, DBE FRS FMedSci, Kennedy Institute of Rheumatology, University of Oxford

Bing Su, PhD, Shanghai Jiao Tong University School of Medicine

Cellular dynamics at mucosal surfaces Vandsalen

James Di Santo, PhD, Institut Pasteur

Gabriel Victora, PhD, The Rockefeller University

Sponsored by: 

15:30 – 16:00

Afternoon Tea

16:00 – 17:30

Oral Abstract Sessions Vandsalen, Aud. Carstensen, Pjerrot

17:30 – 19:00

Poster Reception Ballonsalen + Blomstersalen, Harlekin + Columbine

Sponsored by: 

TUESDAY, JULY 9

8:00 – 17:30

Registration Desk Open Foyer Ground Floor

8:00 – 8:55

Meet the Editors Breakfast – Mucosal Immunology Vandsalen

9:00 – 10:30

Plenary Session – Infection at mucosal sites Tivoli Congress Hall

Judith Allen, PhD, University of Manchester

Igor Brodsky, AB, PhD, University of Pennsylvania

Molly Ingersoll, PhD, Institut Cochin & Institut Pasteur

10:30 – 11:00

Morning Tea

TUESDAY, JULY 9 (continued)

11:00 – 12:30	Oral Abstract Sessions Vandsalen, Aud. Carstensen, Pjerrot, Aud. Lumbye Includes Mentorship Program Session 1 Sponsored by: 
12:30 – 14:30	Network & Lunch
12:45 – 14:15	Brownbag Session – Vaccines Vandsalen Juliana Cassataro, PhD, Instituto de Investigaciones Biotecnológicas Bengt Johansson Lindbom, PhD, Lund University Peter Lawætz Andersen, DVM, DMSc, Novo Nordisk
14:30 – 15:30	Concurrent Sessions Immune regulation of lung pathology and repair Tivoli Congress Hall Clare Lloyd, PhD, Imperial College London Tim Willinger, MD, PhD, Karolinska Institutet Early life immune imprinting and susceptibility to disease Vandsalen Ben Marsland, PhD, Monash University Kathy McCoy, PhD, FRSC, University of Calgary
15:30 – 16:00	Afternoon Tea
16:00 – 17:30	Oral Abstract Sessions Vandsalen, Aud. Carstensen, Pjerrot Includes Mentorship Program Session 2 Sponsored by: 
17:30 – 19:00	Poster Reception Ballonsalen + Blomstersalen, Harlekin + Columbine Sponsored by:  Official Journal of the Society for Mucosal Immunology
20:00 – 24:00	 Closing Party Langelinie Pavillon (Ticket required – boats leave at 19:10 from dock near Tivoli hotel. SMI staff will guide.)

WEDNESDAY, JULY 20

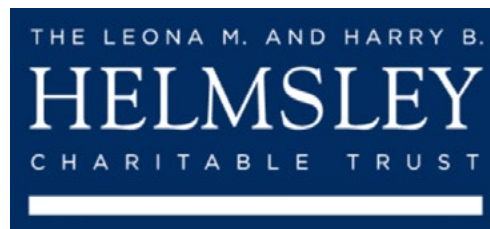
9:00-10:30	President's Rising Stars Abstract Plenary Tivoli Congress Hall Chair: William Agace, PhD, Lund University/Technical, University of Denmark Presentation of <i>Mucosal Immunology</i> Journal Poster Awards Intestinal helminth infection promotes dissemination of Th2 cells with T1 features to distal tissue sites Egon Urgard, PhD, Karolinska Institutet Exploring the influence of human commensal bacteria on autism spectrum disorder development Marcela Davoli Ferreira, PhD, The University of Calgary The maternal microbiota during pregnancy orchestrates intestinal barrier formation in the neonate via epigenetic and metabolic regulation of tight junctions Cristina Kalbermatter, PhD, University of Bern Early life microbiota depletion induces long-lasting epigenetic memory in bone marrow progenitors to enhance myelopoiesis Ana Choi, PhD Student, Institut Pasteur Systemic fates of non-classically restricted, commensal reactive CD8+ T cells Taylor Farley, DPhil, National Institute of Allergy and Infectious Disease (NIAID)
10:30-11:00	Morning Tea
11:00-12:30	Plenary – Neuro mucosal immune cross talk Tivoli Congress Hall Guy Boeckxstaens, MD, PhD, KU Leuven Henrique Veiga-Fernandes, PhD, Champalimaud Foundation Esther Borges Florsheim, PhD, Arizona State University
12:30-13:00	Closing Address Tivoli Congress Hall

THANK YOU TO OUR SPONSORS

BILL &
MELINDA
GATES
foundation



novo
nordisk
fonden



MUCOSAL
IMMUNOLOGY
Official Journal of the Society for Mucosal Immunology



SCANDINAVIAN JOURNAL OF
Immunology
AN INTERNATIONAL MONTHLY JOURNAL



INFO.
COMING
SOON...

ICMI **JULY**
2026

Your Society Journal Dedicated to Mucosal Immunology

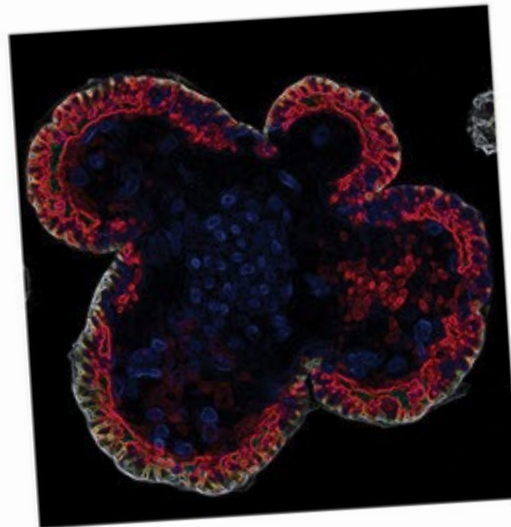


Volume 17, 3 June 2024

MUCOSAL IMMUNOLOGY

Official Journal of the Society for Mucosal Immunology

ISSN: 1933-0219



MHCII expression (red) is localized on intestinal epithelial cells, read more in <https://doi.org/10.1016/j.mucimm.2023.05.001>. Image Credit: Cornelia Heuberger with post-image editing performed by MI editorial staff



SOCIETY FOR
MUCOSAL IMMUNOLOGY