

SOCIETY FOR  
MUCOSAL IMMUNOLOGY



# NEWSLETTER

Volume 8  
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[MICS 2016](#)



[Featured Papers](#)



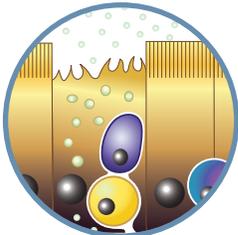
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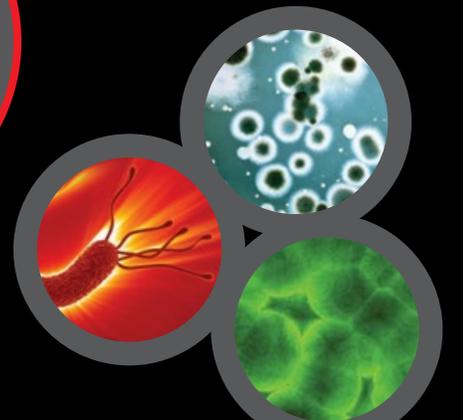
## Make Your Mark: Mucosal Immunology Course & Symposium (MICS 2016)!

[\*\*REGISTER NOW\*\*](#)

Late-breaking  
abstracts open now  
through April 15th!  
Submit your  
science today!

Be a part of the first ever MICS! This meeting is for both trainee and principal investigators with a focus on *Microbiota and Mucosal Immunity: Rules of Engagement in Health and Disease*, which is the critical interface between the field of mucosal immunology and the microbiota.

The meeting will commence with a one-day course on July 27th, targeted mainly at trainees. The course is based on the *Principles of Mucosal Immunology* textbook and taught by a faculty team led by Dr. Phillip Smith, one of the textbook editors. A two and a half day interactive symposium will follow, featuring the latest science from established immunologists and young investigators. Register before May 13th for the best prices!



**MICS**  
Mucosal Immunology  
Course & Symposium

# Check out the lineup for MICS:



## Course: Wednesday, July 27

### Principles of Mucosal Immunology Course

#### **Morning Session: Basic Mucosal Immunology**

Historical Perspective and Role of IgA – Jiri Mestecky, MD, PhD, University of Alabama at Birmingham

Innate Lymphoid Cells – Greg Sonnenberg, PhD, Cornell Medical College

Lung Immunology and BALT – Dale Umetsu, MD, PhD, Genentech  
Epithelial Cells – Richard Blumberg, MD, Brigham and Women's Hospital

#### **Afternoon Session: Applying Basic Concepts to Disease Processes**

Rotavirus Vaccine Development – Harry Greenberg, MD, Stanford School of Medicine

Celiac Disease – Nadine Cerf-Bensussan, MD, PhD, Institut Imagine

Inflammatory Bowel Disease – Tom MacDonald, PhD, Barts and the London School of Medicine and Dentistry

## Symposium: Thursday, July 28

#### **Influence of the Microbiota on Asthma and Allergies**

Benjamin Marsland, PhD, University of Lausanne

Cathryn Nagler, PhD, University of Chicago

#### **Secretory IgA and Regulation of the Mucosal Microbiota**

Noah Palm, PhD, Yale University School of Medicine

June Round, PhD, The University of Utah

#### **Microbiota and Gut Immune System Development**

Gabriel Nunez, MD, University of Michigan School of Medicine

Gérard Eberl, PhD, Institut Pasteur

Nadine Cerf-Bensussan, MD, PhD, Institut Imagine

## Friday, July 29

#### **Intestinal Microbiota and IBD**

Andrew Gewirtz, PhD, Georgia State University

Greg Sonnenberg, PhD, Cornell Medical College

Curtis Huttenhower, PhD, Broad Institute

#### **Mucosal Immunity to Urogenital Tract Microbiota**

Supriya Mehta, ABLAS, MSPH, PhD, University of Illinois at Chicago

Scott Hultgren, PhD, Washington University in St. Louis

## Saturday, July 30

#### **Therapeutic Modulation of the Human Gut Microbiota**

R. Balfour Sartor, MD, University of North Carolina at Chapel Hill

Elena Verdú, MD, PhD, McMaster University

Michael Surette, PhD, McMaster University

### **New:**

- ePoster displays of abstracts



- [Rising Stars of Mucosal Immunology session](#)

Important links for MICS 2016: [More About MICS](#) • [MICS Course](#) • [MICS Symposium](#) • [Registration](#) • [Housing](#)

# SAVE THE DATE

## July 19-22, 2017

Renaissance Hotel, Washington, D.C., United States

### Co-Chairs:



Brian Kelsall, MD



Marsha Wills-Karp, PhD

# ICMI

18<sup>th</sup> International Congress  
of Mucosal Immunology

# 2017

July 19-22, 2017 • Washington D.C.

## Just Announced!

### See you in Brisbane in 2019!



ICMI 2019 will be held in Brisbane, Australia in July 2019. Led by Drs. Ken Beagley and Michael McGuckin, SMI will bring the premiere meeting in mucosal immunology to the land down under. Stay tuned for more details!

### Co-Chairs:



Ken Beagley



Michael McCulkin

# Renew Today!

Thank you for your dedication to the Society for Mucosal Immunology! Continue to show your support of SMI by renewing your membership today. [Renew online](#) or call us at 414-359-1650 ext. 1123



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YOU are SMI.

Save 10% by renewing for 2 years!

1. [Click here](#) and login with your email address and password.
2. Click on Membership in the left side panel.
3. Select the appropriate two-year member rate and proceed to check out.

## Not a Member?

Join the worldwide network of mucosal immunologists!

SMI membership benefits include:

- *Mucosal Immunology* - now featuring 7.374 Impact Factor
- Members directory to collaborate with colleagues
- Free job postings on SMI career center
- Access to interactive protocols
- Leadership opportunities
- Reduced registration to SMI events
- Reduced page and color charges when submitting papers to the *Mucosal Immunology* journal

[Click here to join.](#)

## New!

### Reduced Membership Dues for Under-Represented Countries

SMI is pleased to announce reduced membership dues for scientists from under-represented countries. Spread the word and help us advance the field by bringing SMI resources and presence to under-represented countries. [See if you are eligible by viewing the list of countries here.](#)

If you are already a member and wish to transfer to this membership type, please contact Amanda Mohr, SMI Membership and Marketing Coordinator, via [email](#) or by phone (414) 359-1650 ext. 1123.

### Limited Time Offer:

For a limited time, buy one year of SMI membership and get the second year free! To take advantage of this opportunity, purchase a Two Year Membership and enter the discount code "TwoYears-2016". This offer is limited to new members only.

## Fresh Faces on the Board of Councilors

Meet Katharina Lahl and Lauren Zenewicz! Congratulations to the winners of the Young Professional Board of Councilors election. Drs. Lahl and Zenewicz will serve two-year terms on the SMI Board and will represent SMI's younger demographic.



**Katharina Lahl, PhD** earned both her diploma and PhD degree in Biology at the Technical University of Munich under supervision of Professor Sparwasser. During that time, she created a BAC transgenic mouse model that allowed for the specific depletion of regulatory T cells. Using these mice (known as DEREK mice), they were amongst the first to show that depletion of regulatory T cells leads to multiorgan autoimmune disease. She then moved on to a postdoctoral fellowship in Professor Butcher's lab at Stanford, funded initially by the German Research Foundation and later by a fellowship from the Crohn's and Colitis Foundation of America. In Eugene's lab, she started working on the transcriptional regulation of intestinal dendritic cell subsets, as well as their role in the coordination of the immune response towards rotavirus. Dr. Lahl recently was awarded a young investigator award from the Swedish Research Council, as well as a fellowship in medicine by the Ragnar Söderberg Foundation. Intestinal dendritic cell biology and rotavirus are still what she is working on today in her lab in Scandinavia, which is split between the Technical University of Denmark in Copenhagen and Lund University in Sweden.



**Dr. Lauren A. Zenewicz** is an Assistant Professor of Microbiology and Immunology at the University of Oklahoma Health Sciences Center. She completed her doctoral training in bacterial pathogenesis at the University of Pennsylvania where, under Hao Shen, PhD, she examined how similar virulence factors of *Listeria monocytogenes* and *Bacillus anthracis* modulated innate and adaptive immune responses. As a post-doctoral fellow with Richard A. Flavell, Ph.D., F.R.S., in the Department of Immunobiology at Yale University, she began her studies on interleukin-22 (IL-22), an important cytokine in modulating tissue responses during inflammation. Her research revealed both a protective and pathologic role for IL-22 in the inflamed gastrointestinal tract. Her studies also showed that IL-22 has effects on the host microbiota, causing changes in flora composition that can lead to exacerbated colitis. Through her research, Dr. Zenewicz identified that both T cells and innate lymphocytes are an important source of IL-22. Her laboratory is now focused on investigating the role of environmental factors in the regulation of IL-22 expression in T cells and innate lymphocytes.

# Featured Papers of the Month

Each month SMI leadership selects innovative and scientifically rigorous papers to prominently feature on its website.

## January

### [Anticancer Immunotherapy by CTLA-4 Blockade Relies on the Gut Microbiota.](#)

Vétizou M, Pitt JM, Daillère R, Lepage P, Waldschmitt N, Flament C, Rusakiewicz S, Routy B, Roberti MP, Duong CP, Poirier-Colame V, Roux A, Becharaf S, Formenti S, Golden E, Cording S, Eberl G, Schlitzer A, Ginhoux F, Mani S, Yamazaki T, Jacquelot N, Enot DP, Bérard M, Nigou J, Opolon P, Eggermont A, Woerther PL, Chachaty E, Chaput N, Robert C, Mateus C, Kroemer G, Raoult D, Boneca IG, Carbonnel F, Chamaillard M, Zitvogel L. *Science*. 2015 Nov 27;350(6264):1079-84. doi: 10.1126/science.aad1329. Epub 2015 Nov 5.



## February

### [Dietary Antigens Limit Mucosal Immunity by Inducing Regulatory T Cells in the Small Intestine.](#)

Kwang Soon Kim, Sung-Wook Hong, Daehee Han, Jaeu Yi, Jisun Jung, Bo-Gie Yang, Jun Young Lee, Minji Lee, Charles D. Surh. *Science* 28 Jan 2016: pp. DOI: 10.1126/science.aac5560. Epub 2016 Jan 28.



### [Group 2 Innate Lymphoid Cells Utilize the IRF4-IL-9 Module to Coordinate Epithelial Cell Maintenance of Lung Homeostasis.](#)

Mohapatra A, Van Dyken SJ, Schneider C, Nussbaum JC, Liang HE, Locksley RM. *Mucosal Immunol*. 2016 Jan;9(1):275-86. doi: 10.1038/mi.2015.59. Epub 2015 Jul 1.



# Learning from the Founders

Ever wish you could have a one-on-one talk with the founding scientists of Mucosal Immunology? SMI is proud to present SMI Historic Leader Interviews.

SMI leadership identified seven prominent scientists who aided in the establishment of SMI and the field of Mucosal Immunology. These one-of-a-kind interviews are set to hit the SMI website coming soon!



Catch sneak peeks of content on SMI's social media platforms!

## Look forward to exclusive interviews with:

Jiri Mestecky  
John Bienenstock  
Jerry McGhee  
Per Brandtzaeg

Charles Elson  
Warren Strober  
Hiroshi Kiyono

# Upcoming Muculent Meetings:

For more information, visit the [Muculent Meetings page](#) on the SMI website.

## AAI 2016

May 13-17, 2016  
Seattle, Washington, USA



## SMI Symposium at AAI 2016

Sat., May 14, 2016 • 3:45 - 5:45pm  
*Innate Regulation of Th2 Immunity*

## FOCIS 2016

June 22-25, 2016  
Boston, Massachusetts, USA

## SMI Symposium at FOCIS 2016

Wed., June 22, 2016 • 12:45 - 4:45pm

*Inflammation or Resolution:  
Decision Making at Mucosal Surfaces*



## MICS 2016

July 27-30, 2016  
Toronto, Canada

## 10th European Mucosal Immunology Group Meeting

October 19-21, 2016  
Copenhagen, Denmark

## AAI 2017

May 12-16, 2017  
Washington, D.C., USA

## ICMI 2017

July 19-22, 2017  
Washington, D.C., USA

## AAI 2018

May 4-8, 2018  
Austin, Texas, USA