

52nd ANNUAL MEETING OF THE
SOCIETY FOR LEUKOCYTE BIOLOGY

Tissue Specific Immunity: Translating our Discoveries

ORGANIZERS

Cherié Butts, *Biogen* and
Silvia Uriarte, *University of Louisville*

**November
15–18, 2019**

Westin Copley Place
BOSTON, MA

PROGRAM



THANK YOU TO OUR 2019 SPONSORS

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From the Organizers

Dear Colleagues:

Welcome to the 52nd annual meeting of the Society for Leukocyte Biology!

We are deliberately hosting the meeting in Boston, MA as the area is a “center of the biotech industry” in the United States – home to nearly 1,000 biotechnology organizations. We hope you have a chance to take advantage of what Boston has to offer.

Our theme this year is “tissue-specific immunity: translating our discoveries,” which is intended to highlight differences and similarities while emphasizing the importance of microenvironment in driving specific immune responses. Each of the scientific sessions will showcase cutting-edge research by scientists from academia, government, and industry. Furthermore, we want participants to appreciate the value of studies to elucidate fundamental biological processes as well as those that generate results toward developing potential therapies that address unmet medical need for patients with immune-related conditions.

We understand the importance of professional development in advancing careers and will have committee-specific sessions and poster flash talks by early-career scientists previously featured in the annual meeting. In addition, we introduce a speed networking career roundtable session with established scientists across different sectors who will discuss their experiences at and away from the bench or clinic. We hope you will use the entire meeting as an opportunity to expand your network of colleagues conducting research in different settings.

At the conclusion, we will ask for feedback on the meeting to ensure the highest quality experience with future events.

We look forward to engaging with you throughout the meeting.

Sincerely,

Cherié Butts, Ph.D.
Biogen, Inc

Silvia M. Uriarte, Ph.D.
University of Louisville



Photography, Video Recording and Social Media



Photography and/or video recording of presentations, posters, slides and all data is prohibited unless otherwise explicitly stated by the presenter. Use of social media should not include any images or specifics of data presented unless otherwise explicitly stated by the presenter. Please note abstracts with the “no tweeting” symbols. SLB may take photographs of award presentations and social events to document the conference but will not include any presentation slides. Help us ensure your work is respected for the immense value it brings to our profession.



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Official Event App

- Explore the **professional profiles** of event speakers and attendees
- Send **in-app messages** and **exchange contact info**
- **Network and find attendees** with common affiliations, educations, shared networks, and social profiles
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Journal of Leukocyte Biology
Luis Montaner
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David Underhill
Cedars-Sinai

Veronique Witko-Sarsat
INSERM

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Juhi Bagaitkar
University of Louisville

Administrative Offices

Jennifer Holland, Executive Director
9650 Rockville Pike Bethesda, MD 20814
(301) 204-2233
jholland@leukocytebiology.org
www.leukocytebiology.org



2019 SLB Awards

Legacy Lecturer

Ann Richmond, *Vanderbilt University*

Mid-Career Awards

Dolph O. Adams Award

Michael Schnoor
CINVESTAV del IPN

G. Jeanette Thorbecke Award

Ludivine Doridot
Paris Descartes University

Women & Diversity Paper of the Year

Gretchen Diehl
Baylor College of Medicine

Presidential Award Nominees

Student Category:

Alan Hsu, *Purdue University*
Albert Sek, *NIAID, NIH*
Suhas Sureshchandra, *Uni. of California, Irvine*

Junior Faculty/Post-Doc Category:

Wendy Fonseca, *University of Michigan*
Charlotte Jouvene, *Harvard Medical School*
Julie Ng, *Brigham and Women's Hospital*

Lifetime Honorary Members

Linda McPhail, *Wake Forest Univ. Schl. of Med.*
Charles Serhan, *BWH, Harvard Medical Schl.*

Developing Nations Travel Awards

Chaouki Benabdessalem, *Institut Pasteur de Tunis*
Gausal Khan, *Fiji School of Med., Fiji National Uni.*

Mentoring Diversity Travel Awards

Kimberly Cooney, *Emory University*
Andrea McAlester, *Baylor College of Medicine*

Early Career Faculty Travel Award

Prajwal Gurung, *University of Iowa*

Outgoing Council Awards

Robert Clark, *UT Health Science Center*, Outgoing Past President
Elizabeth Fitzpatrick, *University of Tennessee*, Outgoing Secretary
David Underhill, *Cedars-Sinai*, Outgoing Councilor
Veronique Witko-Sarsat, *INSERM*, Outgoing Councilor

2019 Travel Award Winners

Lillian Anderson	Madison Collins	Min Gu	Kathryn Michels	Max Rogers
Natalie Anselmi	Meredith Crane	Holly Hulsebus	Irina Miralda	Michal Santocki
Blake Bertrand	Alexis Dadelahi	Megan Jones	Kara Misel	Stephanie Silva-Del Toro
Devin Boe	Kiran Dyamenahalli	George Karagiannis	Hemant Mishra	Joseph Skurski
Timothy Borgogna	Srikanth Elesela	Samantha Krysa	Mahdis Monajemi	Natsumon Udomkittivorakul
Laura Cahill	Zhichao Fan	Erin Livingston	Kisha Pradhan	Aruna Vashishta
Yanhui Cai	Adam Fitzsimmons	Marisa Luck	Allan Prichard	Michelle Wakeley
Catherine Chambers	Ramya Ganesan	Thorsten Maretzky	Viva Rasé	Hadley Witt
Yeonhee Cho	Chyna Gray	Sarah Metcalfe	Marcelle Ribeiro	Yao Zhang



2019 SLB Exhibitors

Table #1

Journal of Leukocyte Biology / Wiley & Sons

9650 Rockville Pike
Bethesda, MD 20814-3998 USA
T: 301.204.2233
<https://jlb.onlinelibrary.wiley.com/>
Barbara Vann (*Managing Editor*)
jlbstaff@leukocytebiology.org
Jinnie Kim, Mia Ricci (Wiley)

Table #2

Members in Transition and Training (MTTG)

Society for Leukocyte Biology
Shuvasree Sengupta
Stephania Libreros
www.leukocytebiology.org/members-in-transition-and-training

Table #3

Luminex Corporation

12212 Technology Blvd., Suite 130
Austin, TX 78727 USA
T: 877.785.2323
www.luminexcorp.com
Alicia Allaire
aallaire@luminexcorp.com
Garry Cuneo
gcuneo@luminexcorp.com
Daniel Mori
dmori@luminexcorp.com

Table #4

BioLegend

8999 BioLegend Way
San Diego, CA 92121 USA
T: 858.455.9588
sales@biolegend.com
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Chris Gould
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Table #5

Bon Opus Biosciences, LLC.

150 Essex Street Suite 301
Millburn, NJ 07041 USA
Tel: 800.943.6396 | Fax: 888.253.6691
www.bonopusbio.com
Yufang Shao
yufang.shao@bonopusbio.com
Roshelle Belfer
marketing@bonopusbio.com

Table #6

Cayman Chemical

1180 East Ellsworth Road
Ann Arbor, MI 48108
T: 800.364.9897 or 734.971.3335
Sales@CaymanChem.com
www.CaymanChem.com
Olivia May
omay@caymanchem.com

Table #7

MicroMedicine, Inc,

1440 Main Street, Suite 300
Waltham, MA 02451 USA
T: 617.744.1918
info@micromedicine.com
www.micromedicine.com
Anya Manning
anya@micromedicine.com

Table #8

Ray Biotech, Inc,

3607 Parkway Lane, Ste. 200
Peachtree Corners GA, 30092 USA
T: 888.494.8555
info@raybiotech.com
www.raybiotech.com
Valerie Jones
info@raybiotech.com



General Information

Registration

Registration fees include main conference scientific sessions, one program booklet and the included meals listed below. Registration fees **exclude** hotel and travel costs. Onsite registration will be accepted with payment via credit card.

Included Meals

11/16 - PM coffee break, opening reception lite dinner

11/17 - breakfast, AM coffee break, PM coffee break, poster session reception lite dinner

11/18 - breakfast, AM coffee break, poster session lunch

Abstracts

Full abstracts, abstract title list, and the author index are available on the website and in the event app.

URLs:

App web version

https://whova.com/webapp/e/slbme_201910/

Abstract PDF

<https://www.leukocytebiology.org/abstracts>

Meeting Space Internet Access

Internet access for checking email and using the event app is provided in the meeting space. Bring your own device.

Network = Westin_Meeting_Room

Passcode = slb2019

Child Care

Licensed Childcare/Babysitting Services are available for use by attendees who are encouraged to make their own arrangements as needed. The society, nor the hotel, endorse these particular providers and links are provided for reference only. Use and outcomes are at the sole discretion and liability of the individuals. <https://www.bostonsbestbabysitters.com/home.html>

Quiet Room

A quiet room is available for nursing mothers and/or those requiring a meditation or prayer space. Stop by the registration desk for availability.

Special Needs

Registrants with special needs are invited to contact the Registration Desk or hotel concierge for assistance. SLB does not discriminate on any basis and staff is available to ensure a positive conference experience for all attendees.

Membership

All SLB members are encouraged and invited to attend the society business meeting. See the program for details. Membership inquiries are welcome at the registration desk.

Speaker Ready Room

Speakers are to load their talks *at least* 2 hours prior to their session in the speaker ready room "Independence A". If you require assistance, please contact the AV Technicians well in advance of your presentation. Arrive in your session room at least 15 minutes prior to the start time.

Independence A Speaker Ready Room Hours

Saturday, November 16th – 8 am – 6 pm

Sunday, November 17th – 8 am – 4:15 pm

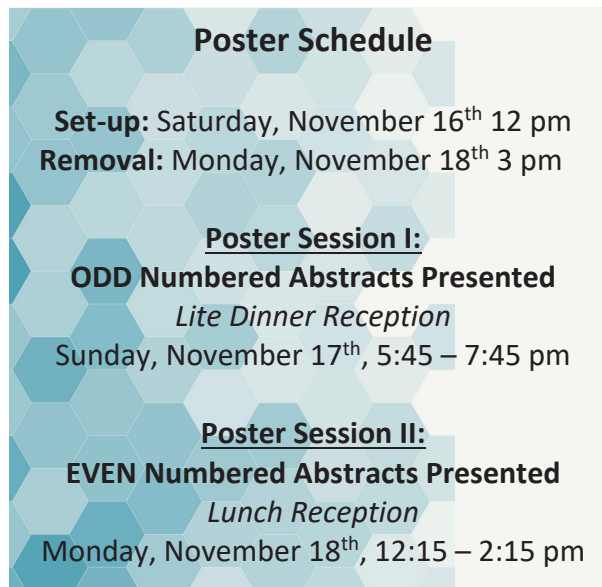
Monday, November 18th – 8 am – 2:30 pm

Accompanying Persons

Guests of attendees are encouraged to enjoy the local area during conference hours and events. There are many activities and attractions to explore! See the hotel concierge for ideas.

Poster Set-up/Poster Sessions

All posters are displayed throughout the entire conference and formally presented in two sessions.



Poster Schedule

Set-up: Saturday, November 16th 12 pm
Removal: Monday, November 18th 3 pm

Poster Session I:
ODD Numbered Abstracts Presented
Lite Dinner Reception
Sunday, November 17th, 5:45 – 7:45 pm

Poster Session II:
EVEN Numbered Abstracts Presented
Lunch Reception
Monday, November 18th, 12:15 – 2:15 pm

Awards

SLB Travel awardees are required to attend the SLB business meeting for recognition and a brief photography session. All other awards will be presented during the named program session or during the society business meeting. Please refer to your notification letter for stipend and reimbursement details where applicable.

Code of Conduct

SLB is committed to providing a safe, productive and welcoming environment. All participants are expected to behave appropriately; respecting fellow attendees, presenters, sponsor representatives, volunteers, and staff. Discrimination, harassment, or bullying, in any form will not be tolerated. If you have questions about the expectations or concerns about conference behavior, please visit the registration desk. Thank you for joining in these efforts to ensure a positive conference experience for everyone. Full documentation of SLB Ethical Policies can be found online (<https://slb.memberclicks.net/slb-ethical-policies>).

Liability

Neither the host venue nor the organizers can be held responsible for any personal injury, loss, damage to private property or additional expense incurred as a result of participating in the conference or for related delays or changes in air, rail, sea, road or other services. All participants are encouraged to make their own arrangements for health and travel insurance. The organizers are not responsible for materials posted or content presented.

Administrative Meetings: The following administrative meetings are held in conjunction with the annual conference and are by invitation only.

Friday, November 15th

SLB Council – 5:30-9:30pm, Newbury/Gloucester

Saturday, November 16th

MTTG – 8:30-9:30pm, Independence B

Sunday, November 17th

Prof. Development Comm. – 8-9:00am, Mastiff
Communications Committee – 8-9:00am, North Star
Publications Comm. – 7-7:30am, Great Republic
JLB Editorial Board – 7:30-9am, Great Republic

Monday, November 18th

Women & Diversity Committee – 8-9:00am, Mastiff
Membership Committee – 8-9:00am, Great Republic
MTTG – 8-9:00am, Helicon
SLB Council – 4-8pm, Off-site



Pre-Program

Friday, November 15th

Special Interest Group Satellites

8:00 am – 4:00 pm **Registration, American Ballroom Foyer**

9:00 am – 5:00 pm

Location:
Independence B

Alcohol & Tissue-Specific Immunity (AIRIG)

Chairs: Elizabeth J. Kovacs, *University of Colorado, Denver* & Mashkoor A. Choudhry, *Loyola Uni., Chicago*

- **Biomarkers and Novel Pathways Involved in the Development of Alcoholic Liver Disease**, Vasilis Vasiliou, *Yale University*
- **Ceramides as Regulators of Insulin Resistance and Lipophagy in Alcoholic Liver Disease**, Rotonya Carr, *University of Pennsylvania*
- **Exploring the Role of Regulatory T cells in a Model of Ethanol-Accelerated Liver Fibrosis**, Rebecca McCullough, *University of Colorado Denver, #5*
- **Alcohol Exposure Differentially Alters Intestinal Barrier Integrity, Liver Inflammation and Fecal Microbiome Composition in Young and Aged Mice**, Rachel McMahan, *University of Colorado Anschutz Medical Campus, #18*
- **Transcriptional and Epigenetic mechanisms Underlying Heightened Pro-Inflammatory Responses of Monocytes with Chronic Heavy Alcohol Consumption**, Sloan Lewis, *University of California, Irvine, #110*
- **MicroRNA Expression Profile of Intestinal Epithelial Cells Following Alcohol and Burn Injury**, Caroline Herrnreiter, *Loyola University Chicago, #35*
- **Blood and Urine Biomarkers for Identifying Alcohol Misuse in Trauma Patients**, Majid Afshar, *Loyola University Chicago*
- **Neuroimmune Mechanisms of Alcoholic Neurodegeneration and Negative Affect**, Leon G. Coleman, Jr., *University of North Carolina, Chapel Hill*
- **Alcohol Misuse and HIV Infection: Viral and Immune Factors Influencing Transmission and Disease Progression**, Angela Martin Amedee, *LSU Health Sciences Center – New Orleans*
- **Chronic Alcohol Exposure Decreases Expression of Tight Junction Proteins and Impairs Lung Barrier Function**, Niya Morris, *Emory University, #28*
- **Abnormal Eating Pattern Promotes Alcohol-induced Colon Carcinogenesis via Dysbiosis and Colonic Inflammation**, Faraz Bishehsari, *Rush University, #33*
- **Funding and Training Opportunities**, H. Joe Wang, *NIAAA*

= abstract and poster number

9:00 am – 12:00 pm

Immunomodulatory Cell Death

Chairs: Ben A. Croker, *UCSD*, Kristopher Sarosiek, *Harvard T.H. Chan School of Public Health*

Location:

Gloucester

- **Effector Functions of Neutrophil Necroptosis**, Ben A. Croker, *UCSD*
- **Necroptosis Minus Cell Death Equals Antiviral Immunity in the Brain**, Andrew Oberst, *University of Washington*
- **Enhancing Anti-cancer Immune Responses by Modulating Tumor Cell Death**, Kristopher Sarosiek, *Harvard T.H. Chan School of Public Health*
- **New Insights into Non-canonical Inflammasome Signaling and Functions in Host Defense**, Kate Schroder, *The University of Queensland*
- **Identification of Novel Regulators of Autophagy that Promote Cell Death**, Eric Baehrecke, *University of Massachusetts Medical School*

9:00 am – 12:00 pm

Progress in CRISPR-Cas Biology and Gene Editing

Chair: Min Wu, *University of North Dakota*

Location:

Newbury

- **How the Unique Structures of CRISPR-Cas Facilitate the Gene Editing**, Zhiwei Huang, *Harbin Institute of Technology*
- **How Many Applications Can the CRISPR Biotechnology Bring?**, Samira Kiani, *Arizona State University*
- **The Expanding CRISPR Universe**, Eugene Koonin, *NIH*
- **Structure and Function for CRISPR-Cas Research: The Recent Highlights**, Ailong Ke, *Cornell*
- **Can We Find or Reinvent the Best CRISPR-Cas for Gene Editing?**, Min Wu, *University of North Dakota*

9:00 am – 12:00 pm

Resolution of Inflammation

Chairs: Charles N. Serhan and Stephania Libreros, *Harvard Medical School and Brigham and Women's Hospital*

Location:

Great Republic

- **Novel Mediators of Inflammation Resolution and Tissue Regeneration**, Charles N. Serhan, *Harvard Medical School and Brigham and Women's Hospital*
- **Lipid Mediators at the Interface of Resolution of Inflammation and Tissue Repair**, Matthew Spite, *Harvard Medical School and Brigham and Women's Hospital*
- **Cannabinoid Agonist Activation of Pro-resolving Lipid Mediators in Humans**, Barbara White, *Corbus Pharmaceuticals*
- **Resolvin D1 Enhances Necroptotic Cell Clearance**, Gabrielle Fredman, *Albany Medical College*
- **Lipid Mediators of Neutrophil Swarming**, Daniel Irimia, *Harvard Medical School and Massachusetts General Hospital*

1:00 pm – 4:00 pm

Location:

Independence A

Immune Regulation, Autoimmunity and Infection

Chairs: Rachel Caspi, *NIH* & Wan Jun Chen, *NIH*

- **Treatment and Cure Strategies for WHIM Syndrome Immunodeficiency**, Philip Murphy, *NIAID, NIH*
- **How TLR9 Signaling Shapes the Survival, Differentiation and the Metabolism of B Cells**, Munir Akkaya, *NIAID, NIH*
- **Human FCRL3 Binds Secretory IgA, an Essential Component of Mucosal Immunity, and Restrains Regulatory T Cell Activity**, Mate Tolnay, *CDER, FDA*
- **Modeling Neurotropic Viruses in Immunocompetent Mice: What Have We Learned So Far**, Daniela Verthelyi, *FDA*
- **Th17 Effector Regulation in Ocular Inflammatory Disease**, Rachel Caspi, *NEI, NIH*
- **Tregs Orchestrate Antigen Specific Suppression via Stripping Cognate Peptide-MHCII from the DC Surface**, Billur Akkaya, *NIAID, NIH*
- **D-mannose Induces Regulatory T cells and Suppresses Autoimmunity and Inflammation**, Wan Jun Chen, *NIDCR, NIH*

1:00 pm – 4:00 pm

Location:

Great Republic

Advanced Imaging Approaches to Visualize Immune Cell Behavior

Chairs: Margarida Barroso, *Albany Medical College* & Sergio Catz, *The Scripps Research Institute*

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- **Application of Total Internal Reflection Fluorescence and Super Resolution Microscopy to the Study of Neutrophil Function**, Sergio Catz, *The Scripps Research Institute*
- **Fluorescence Lifetime and FRET Based Approaches to Visualize Immune Cell Function**, Margarida Barroso, *Albany Medical College*
- **Pushing the Limits of Superresolution: SuperSTORM**, Klaus Ley, *La Jolla Institute for Immunology*
- **Technical Approaches to Study Phagosome Formation and Maturation: Use of Filamentous Particles**, Mauricio Terebiznik, *University of Toronto*
- **Broadening the Reach of Intravital Imaging through Surgical Engineering**, David Entenberg, *Albert Einstein College of Medicine*

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1:00 pm – 4:00 pm

Impact of Aging on Tissue Resident Immune Cells

Chair: Rebecca Fuldner, NIA, NIH

Location:

Gloucester

- **Skin-resident T Cell Responses to VZV Infection and Vaccination**, David Koelle, *University of Washington*
- **Aging-Related Changes in CD4 T and B cell Subsets and More Stringent Requirements for their Differentiation into Tissue Resident Effectors and Memory**, Susan Swain, *University of Massachusetts Medical School*
- **Adipose Tissue Resident Leukocytes in Aging and Inflammation**, Vishwa Deep Dixit, *Yale University*
- **Exploring the Impact of Inflammaging on Immune Function During M. tb Infection**, Joanne Turner, *Texas Biomedical Research Institute*
- **Adipose Tissue Resident B cells in Aging and Autoimmunity**, Daniela Frasca, *University of Miami*

1:00 pm – 4:00 pm

Global Science: Focus on Advancements in Immunology Research

Chair: Luis Montaner, *Wistar, JLB Editor-in-Chief*

Location:

Newbury

South Korea:

- **AITR Mediates the Polarization of CD4 T cells to Th1, Th2 and Th17, and Converts Treg to Th1 and Eradicates Solid Tumors**, Byoung S. Kwon, *Eutilex Co.*
- **The Role of PTEN in Th17 Cell Differentiation**, Gap Ryol Lee, *Sogang University*

China:

- **FOXP3+Treg Functional Stability and their Clinical Applications**, Bin Li, *Shanghai JiaoTong University*
- **Amino Acid Metabolites Modulate Cytokine Responses and Reprogram Macrophage Polarization**, Xiaoyu Hu, *Institute for Immunology, Tsinghua University*

Japan:

- **Mechanisms Controlling Innate Immune Responses to Nucleic Acids**, Kensuke Miyake, *The University of Tokyo*
- **SATB1, A Nuclear Protein Necessary for Establishment of Immune Tolerance**, Motonari Kondo, *Toho University School of Medicine*

South Africa & Malawi:

- **The Impact of HIV Infection on Treg Populations in the Placenta and Adverse Birth Outcomes**, Clive Gray, *University of Cape Town*
- **The Impact of HIV Infection on Lung Immunity and Control of Mycobacterium tuberculosis Infection**, Henry C Mwandumba, *Malawi-Liverpool-Wellcome Trust Clinical Research Programme*

52nd Annual Society for Leukocyte Biology Meeting
“Tissue Specific Immunity: Translating our Discoveries”



November 16-18, 2019 - Westin Copley Place, Boston, MA, USA
= abstract and poster number

Saturday, November 16th

Registration
8:00 am – 6:00 pm
America Ballroom Foyer

Speaker Ready Room
8:00 am – 6:00 pm
Independence A

Exhibits
12:00 pm – 6:00 pm
America Ballroom Foyer

Chairs:

Stephania Libreros, *Harvard*;
Shuvasree Sengupta, *University of Michigan*

Location:

America
Ballroom Center

**8:30 – 10:00 am Poster Flash Talks: Highlighted
Poster Session Presentations**

Innate Immune Response to Infection: Co-Chair: Zhan Wang

Components of Pulmonary Surfactant Environment Suppress *Staphylococcus Aureus* Virulence, Timothy Borgogna, *Montana State University*, #25

***Bacillus* InhA Metalloproteases Contribute to Ocular Infection and Inflammation**, Erin Livingston, *Oklahoma University Health Science Center*, #46

The TLR2 Tango: Contributions of Neutrophils and the Putative Oral Pathogen *Filifactor Alocis* to periodontiti, Irina Miralda, #59

Immunity of Disease: Co-Chair: Felix Ellett

Tissue-resident Alveolar Macrophages from Young and Aged Mice Respond Differently to Distal Injury, Devin Boe, *University of Colorado Denver*, #17

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Wi-Fi for app access and emails.
Network = Westin_Meeting_Room
Passcode = slb2019

Visit MTTG in the foyer

Learn about their activities and get help using the event app.

Mechanosensing Regulates Effector Functions of Human Neutrophils, Hadley Witt, *Brown University / Rhode Island Hospital*, #45


***Helicobacter Pylori* Infection Modulates Human Neutrophil Chemotaxis**, Allan Prichard, *University of Iowa*, #47

Removal of Innate Suppressors Enhances Anti-Tumor Immune Responses, Yao Zhang, *Virginia Tech*, #91

Lung ALOX15 Impacts *Pseudomonas* Induced Transepithelial Neutrophil Migration, Juliana Barrios, *Massachusetts General Hospital*, #24

Resolution of Immune Responses: Co-Chair: Devin Boe

Infection Dissemination by Leukocytes, Felix Ellett, *Massachusetts General Hospital, #92*

Solute Carrier (SLC) 37A2 Controls Macrophage Inflammation by Regulating Glycolysis, Zhan Wang, *Wake Forest School of Medicine, #106* 

RvE1 Promotes Phenotypic Stability of Regulatory T cells in Periodontitis, Carla Alvarez, *The Forsyth Institute, #105*

Resolvin D1 Engages Myeloid Cell-Dependent Revascularization During Ischemia via its Receptor, ALX/FPR2, Brian Sansbury, *Brigham and Women's Hospital and Harvard Medical School, #107*

10:00 – 10:30 am MTTG Video Presentations – A New Frontier in Showcasing Science

Chairs:
Stephania Libreros, *Harvard*;
Shuvasree Sengupta, *University of Michigan*

Location:
America
Ballroom Center

Highlighting Elevator talks and video abstracts submitted by all attendees

10:30 – 10:45 am Comfort Break

10:45 am – 12:00 pm Speed Networking Career Roundtables A round table format to foster discussions between scientists from academic, government, and industry and individuals seeking career advice. *Pre-registration required*

Chairs:
Cherié Butts, *Biogen*

Location:
America
Ballroom North

12:00 pm – 1:30 pm MTTG (Members in Transition and Training) Lunch Workshop: LinkedIn for Career Building, Networking & Job Search *Pre-registration required*

Chairs:
Stephania Libreros, *Harvard*;
Shuvasree Sengupta, *University of Michigan*

Location:
America
Ballroom North

Join this workshop for hands-on guidance to building your LinkedIn profile and boosting your professional networking skills. Featuring Sabrina Woods who has 20 years in the career services field. *Note: Please bring a laptop or tablet to this session.*

OR

12:00 – 1:30 pm Lunch on your own

Take an Art Studio Break

Take a break and visit Wally Gilbert's Art Studio in space C319 at 1 Fitchburg Street, Somerville, MA 02143. A Nobel Laureate and co-founder of Biogen, Wally Gilbert has graciously agreed to have his assistant welcome participants of the SLB meeting to his studio anytime on **Saturday, November 16th** or **Sunday, November 17th from 12-6pm**. Feel free to stop by anytime during these hours and enjoy the colorful art. Wally superimposes and transforms digital photographs in the computer and shows them as large, brilliantly colored prints on Aluminum.



Doors to Nowhere

1:30 – 3:15 pm Plenary I: Welcome and Program

Overview

Chairs:

Lee-Ann Allen, *SLB President & Cherié Butts, Biogen*

Location:

America Ballroom Center

1:30 pm
Translating Discoveries into Meaningful Therapies: Key Questions to Address and Why,
Cherié Butts, *Biogen*

2:00 pm
Neutrophil Cytoplasts Promote TH17 Inflammation in Asthma,
Bruce Levy, *Brigham & Women's Hospital*

2:25 pm
A Rendezvous with Microglia, Richard Ransohoff, *Harvard Medical School and Third Rock Ventures*

2:50 pm
Neutrophils as Targets in Autoimmune Vasculitis: New Concepts, Veronique Witko-Sarsat, *INSERM*

3:15 – 4:45 pm SLB Junior Awards

Chairs:

Nick Lukacs, *University of Michigan* & Lee-Ann Allen, *University of Iowa*

Location:

America Ballroom Center

SLB Student Presidential Award Finalist

3:15 pm
Rewiring of the Placenta Immune Landscape with Pregravid Obesity
Suhas Sureshchandra, *University of California Irvine, #97*

3:30 pm
Phenotypical MicroRNA Screen Reveals a Noncanonical Role of CDK2 in Regulating Neutrophil Migration
Alan Hsu, *Purdue University, #98*

3:45 pm
RNA-sequencing Identifies Key Eosinophil Mediators Involved with Remodeling of Damaged Muscle Tissue in the MDX Mouse Model of Duchenne Muscular Dystrophy
Albert Sek, *NIAID, NIH, #99*

SLB Junior Faculty/Postdocs Presidential Award Finalist

4:00 pm
Augmenting Emergency Granulopoiesis with CpG-ODN Conditioned Mesenchymal Stromal Cells for the Treatment of Neutropenic Sepsis
Julie Ng, *Brigham and Women's Hospital, #36*

4:15 pm
Uric Acid Pathway Activation During Respiratory Syncytial Virus Infection Promotes Th2 Immune Responses via Innate Cytokine Production and Type 2 Innate Lymphoid Cells Activation
Wendy Fonseca, *University of Michigan, #37*

4:30 pm
Resolvin D4: Biosynthesis and Actions in Mice Vasculature
Charlotte Jouvene, *Harvard Medical School, #100*

4:45 – 5:00 pm Coffee Break, America Ballroom Foyer

Did you know SLB has a Lunch 'n Learn Program?

SLB supports local journal clubs and educational meetings at your institution. Providing funds for lunch to create an engaging and collaborative experience, SLB supports members at many career levels year-round. Stop by the registration desk to learn more.



5:00 – 6:00 pm	SLB Mid-Level Award Talks	Chairs: Nick Lukacs, <i>University of Michigan</i> & Lee-Ann Allen, <i>University of Iowa</i>	Location: America Ballroom Center
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5:00 pm Dolph Adams Award

Intermittent Rolling is a Striking Novel Defect of the Extravasation Cascade Caused by Myosin1e-deficiency in Neutrophils

Michael Schnoor, *CINVESTAV del IPN*, #38

5:20 pm Jeanette Thorbecke Award

Innate Trained Immunity Can Influence Immune Cells Recruitment and Phenotype at the Fetomaternal Interface and Pregnancy Outcomes in Mice

Ludivine Doridot, *Paris Descartes University (France)*, #39

5:40 pm Women & Diversity Paper of the Year Award

Anti-inflammatory Role of Intestinal Microbiota Helps Balance Immune Response After Pathogenic Infection

Gretchen Diehl, *Baylor College of Medicine*, #40

6:00 – 6:45 pm	Journal Focus – Top Cited Authors from <i>the Journal of Leukocyte Biology</i>	Chair: Luis Montaner, <i>Wistar, JLB Editor-in-Chief</i>	Location: America Ballroom Center
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6:00 pm

Macrophage Sensing of Cell Death, Kenneth Rock, *UMASS*

6:20 pm

Myeloid Cell-specific Deletion of Cebpb Decreases Sepsis-induced Immunosuppression in Mice, Mohamed Elgazzar, *East Tennessee State University College of Medicine*

6:45 – 7:45 pm Opening Reception, America Ballroom North

Enjoy an opening reception with lite fare to celebrate the start of the conference and enjoy a short talk from a historian focused on local architecture.

7:45 – 8:45 pm	SLB Legacy Keynote Lecture	Chair: Lee-Ann Allen, <i>University of Iowa</i>	Location: America Ballroom Center
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SLB Legacy Awardee

Targeted Therapies that Enhance Response to Immune Checkpoint Inhibitors

Ann Richmond, *Vanderbilt University*

Visit Your Industry Partners in the Foyer

Stop by the foyer displays and learn how your industry partners can support your work. Ask them to initial your “passport” and be entered into a prize drawing!

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BioLegend
The path to legendary discovery™

Cayman
CHEMICAL

MicroMedicine™
Transforming Cell Isolation

RayBiotech
Empowering your proteomics

Sunday, November 17th

Registration
8:00 am – 4:30 pm
America Ballroom Foyer

Speaker Ready Room
8:00 am – 4:15 pm
Independence A

Exhibits
8:30 am – 4:30 pm
America Ballroom Foyer

7:00 – 9:00 am
Women and Diversity Workshop
Breakfast – Advocating for Your
Goals: The Art of Saying No, So You
Can Say Yes
Adams/Parliament

Chair: Amanda Brown, *Johns Hopkins University*
Pre-registration required

OR

8:30 – 9:00 am
Networking Breakfast
America Ballroom Foyer

Enjoy a continental breakfast while networking with fellow attendees.

9:00 – 10:30 am Plenary II: Mucosal Immunity

Chairs:
Veronique Witko-Sarsat,
INSERM; Robert Clark, *UTHSC*

Location:
America
Ballroom Center

9:00 am
Immunity and Inflammation at the
Oral Mucosa: Mechanisms and Host-
modulation Approaches, George
Hajishengallis, *University of*
Pennsylvania

9:30 am
Neutrophilic Inflammation and
Gonococcal Pathogenesis, Alison
Criss, *University of Virginia*

10:00 am
Developing Alternative Approaches
for Induction of Mucosal Immunity,
Prosper Boyaka, *OSU*

10:30 am – 11:00 am Coffee Break, America Ballroom Foyer

OR

10:30 am – 11:00 am Coffee with the Editor-in-Chief, Independence B

All are welcome to come meet the *Journal of Leukocyte Biology* Editor-in-Chief, Luis Montaner, along with Deputy and Associate Editors, during this special coffee break. JLB is your journal and suggestions are

JLB JOURNAL OF
LEUKOCYTE
BIOLOGY

welcome for issues, topics, and web presentations JLB can explore with you to communicate your science. Discuss your manuscript ideas, ask questions about the submission system, and learn about the review process.

11:00 am – 12:30 pm Concurrent Sessions 1 & 2

Concurrent Session 1: Changes in Tissue Immunity with Aging

Chairs: Elizabeth J. Kovacs, *University of Colorado Denver*; Prajwal Gurung, *University of Iowa*
Location: America Ballroom Center

Featured Speaker:

11:00 am **Advanced Age and the Gut-Lung Axis**, Elizabeth J. Kovacs, *University of Colorado Denver*

Selected Talks:

11:30 am **Senescence-Associated β -Galactosidase Activity and Other Markers of Cellular Senescence are Present in Human Peripheral Blood Mononuclear Cells During Healthy Aging and HIV Infection**, Patricia Fitzgerald-Bocarsly, *Rutgers New Jersey Medical School*, #13

11:45 am **Malt1 Deficient Mice Develop Osteoporosis Independent of Osteoclast-intrinsic Effects of Malt1 Deficiency**, Mahdis Monajemi, *University of British Columbia*, #14

12:00 pm **Extracellular Adenosine Signaling Reverses the Age-driven Decline in the Ability of Neutrophils to Kill *S. pneumoniae***, Elsa Bou Ghanem, *University at Buffalo*, #15

12:15 pm **Dissection of the Inflammatory Status of Hearts in Aging Mice with Invasive Pneumococcal Disease**, Katherine Kruckow, *University of Alabama at Birmingham*, #16

Concurrent Session 2: Impact of the Microbiome on Immune Responses and Cancer

Chairs: Giorgio Trinchieri, *NIH*; Juhi Bagaitkar, *University of Louisville*
Location: America Ballroom North

Featured Speaker:

11:00 am **Cancer and the Microbiome**, Giorgio Trinchieri, *NIH*

Selected Talks:

11:30 am **Type 3 Adaptive Cell and MDSC Expansion: Dynamics Mediated by IL-6 in a Mammary Carcinoma Model**, Viva Rasé, *University of Northern Colorado*, #29

11:45 am **Effect of IL-15 Deficiency on Thymocytes**, Sheela Ramanathan, *Université de Sherbrooke*, #30

12:00 pm **Alcohol Alters MAIT Cell Profile in Gut-Lung Axis Associated with Gut Dysbiosis**, Min Gu, *Louisiana State University Health Science Center*, #31

12:15 pm ***Treponema Denticola* Interrupts Activity of Phosphoinositol Processing in Neutrophils**, Megan Jones, *University at Buffalo, SUNY*, #32

OR

12:30 – 2:30 pm Lunch on Your Own

Explore the tastes of Boston conveniently located in the Copley Place Mall and surrounding neighborhoods.

2:30 – 4:00 pm Plenary III: Autoimmune Disease

Chairs: Ruth Montgomery, *Yale*; David Underhill, *Cedars-Sinai*

Location: America Ballroom Center

2:30 pm
NETs – The Second Function of Chromatin, Arturo Zychlinsky, *Max Planck Institut*

3:00 pm
Regulation of Inflammation, Kate Fitzgerald, *UMASS*

3:30 pm
Localized Immunomodulation with a Novel Form of Fas Ligand for Tolerance Induction to Allogeneic Islet Grafts, Esma Yolcu, *University of Louisville*

4:00 – 4:15 pm Coffee Break, America Ballroom Foyer

4:15 – 5:45 pm Concurrent Sessions 3 & 4

Concurrent Session 3: Resolution of Immune Responses

Chairs: Tom Wynn, *Pfizer*; Hemant Mishra, *University of Minnesota*

Location: America Ballroom Center

Featured Speaker:

4:15 pm **Type 2 Immunity in Tissue Regeneration and Fibrosis**, Tom Wynn, *Pfizer*

Selected Talks:

4:45 pm **Injury Induces MHCII-Dependent Expansion of Specific CD4⁺ Regulatory T Cell Subpopulations**, James Lederer, *Harvard Medical School*, #101

5:00 pm **Novel Activation of Immunoresolvent Circuits by Hypoxia Environment**, Stephania Libreros, *Harvard Medical School*, #102

5:15 pm **Novel Prodrug Formulation of BCL6 BTB-specific Inhibitor Represses T Cell Activation, Tfh Cells, & T-cell Dependent Immune Responses in vivo**, Yanhui Cai, *Wistar Institute*, #103

5:30 pm **Identification of Novel A2Ar-dependent TIGIT⁺Tregs Associated with Resolution of Ocular Inflammation**, Darren Lee, *University of Oklahoma Health Sciences Center and Dean McGee Eye Institute*, #104

Concurrent Session 4: Immunity in the Lung

Chairs: Claire Doerschuk, *University of North Carolina*; Lael Yonker, *Mass. General Hospital*

Location: America Ballroom North

Featured Speaker:

4:15 pm **Innate Immunity and Lung Host Defense during Pneumonia**, Claire Doerschuk, *University of North Carolina*

Selected Talks:

4:45 pm **Sirtuin 1 Regulates Mitochondrial Function and Immune Homeostasis in Respiratory Syncytial Virus Infected Dendritic cells**, Srikanth Elesela, *University of Michigan Medical School*, #19

5:00 pm **The Coinfected Pulmonary Environment: How Influenza A virus, Bacterial Pathogens, and the Host Interact and Adapt**, Amanda Jamieson, *Brown University*, #20

5:15 pm **Pulmonary Nuclear Factor-Erythroid-2-Related Factor (NRF2)-insufficiency After Burn and Inhalation Injury**, Robert Maile, *UNC Chapel Hill*, #21

5:30 pm **Post-traumatic Pulmonary Infection: Chemokine-directed Innate Immune Responses Along the Lung-skin Axis Prioritize Pulmonary Defense Over the Healing Wound**, Meredith Crane, *Brown University*, #22

OR

5:45 – 7:45 pm Poster Session I Reception, America Ballroom South

Browse the ODD numbered poster boards while enjoying light fare and networking with fellow attendees.

Renew with SLB for 2020

Renew your membership for 2020, or join, and be part of a supportive and diverse community of researchers and clinicians. Review some of the benefits and visit the registration desk to learn more.

- Leadership positions at all career levels
- Presentation and programming opportunities
- Year-round professional development programs
- Extensive award program
- Online JLB subscription
- Discounted publication fees

Monday, November 18th

Registration 8:00 am – 3:30 pm America Ballroom Foyer	Speaker Ready Room 8:00 am – 2:30 pm Independence A	Exhibits 8:30 am – 2:30 pm America Ballroom Foyer
<p>7:00 – 9:00 am</p> <p>Professional Workshop Breakfast – <i>Building the Right Team through Great Leadership</i> <i>Adams/Parliament</i></p> <p>Chairs: Shannon Wallet and Coy Allen Featuring Rachael Phillips and a panel of advisors. <i>Pre-registration required</i></p>	<p>OR</p>	<p>8:30 – 9:00 am</p> <p>Networking Breakfast <i>America Ballroom Foyer</i></p> <p>Enjoy a continental breakfast while networking with fellow attendees.</p>

9:00 – 10:30 am Concurrent Sessions 5 & 6

Concurrent Session 5: Innate Immune Response to Infection

Chairs: Sergio Catz, *Scripps Institute*; Matthew Alder, *Cincinnati Children's Hospital*
Location: America Ballroom Center

Featured Speaker:

9:00 am **The Inner Life of the Neutrophil: From Vesicular Trafficking to Inflammation**, Sergio Catz, *Scripps Institute*

Selected Talks:

9:30 am **Serum- & Glucocorticoid- Inducible kinase1 (SGK1) Restrains *P. Gingivalis*-mediated Inflammation & Protects Against Periodontal Bone Loss**, Huizhi Wang, *VA Commonwealth Uni.*, #41

9:45 am **Modulation of Phagocytosis-induced Cell Death of Human Neutrophils by *Neisseria gonorrhoeae***, Christine Cho, *Uni. of Iowa*, #42

10:00 am **Neutrophil Maturation and Their Response to Infectious Pathogens are Regulated by Microbiota**, Mihaela Gadjeva, *Brigham and Women's Hospital*, #43

10:15 am **Neutrophil & Iron – The First Identification of a Primed Phenotype in an Iron Overload Disease**, Cyril Renassia, *Uni. Paris /INSERM*, #44

Concurrent Session 6: Respiratory Allergic Diseases

Chairs: Avery August, *Cornell University*; Chyna Gray, *Brown University / Rhode Island Hospital*
Location: America Ballroom North

Featured Speaker:

9:00 am **Tuning T cell Responses During Lung Inflammation**, Avery August, *Cornell University*

Selected Talks:

9:30 am **The Enigmatic Role of Sphingolipid Signaling in Asthma**, Jamie Sturgill, *Uni. of Kentucky*, #120

9:45 am **Defining Cellular Heterogeneity in Asthma with Multiparameter Single Cell Profiling of Airway Inflammatory Cells**, Ruth Montgomery, *Yale School of Medicine*, #121

10:00 am ***Aspergillus Fumigatus* Cell Wall Promotes Airway Epithelial Recruitment of Human Neutrophils**, Michael Feldman, *Harvard Med. Schl., Massachusetts General Hospital*, #122

10:15 am **The Role of Neutrophil Extracellular Traps in Rhinitis of Infectious and Allergic Origin**, Marcin Zawrotniak, *Jagiellonian Uni.*, #123

10:30 – 10:45 am Coffee Break, America Ballroom Foyer

10:45 am – 12:15 pm Concurrent Sessions 7 & 8

Concurrent Session 7: Acquired Immune Response to Infection

Chairs: Jean Lim, *Mount Sinai*; Elsa Bou Ghanem, *University at Buffalo*

Location: America Ballroom Center

Featured Speaker:

10:45 am **Dengue Virus Immunity Increases Zika Virus-induced Damage During Pregnancy**, Jean Lim, *Mount Sinai*

Selected Talks:

11:15 am **Immune Checkpoint Regulator, VISTA, Improves Survival in Murine Sepsis by Enhancing T-cell Crosstalk and Minimizing Inflammatory Tissue Injury**, Chyna Gray, *Brown University / Rhode Island Hospital*, #1

11:30 am **B Cells Inhibit CD4+ T Cell-mediated Protection Against Brucella Infection**, Alexis Dadelahi, *University of Missouri*, #2

11:45 am **Circulating and Local Biomarkers for Diagnosis of Tuberculous Lymphadenitis**, Chaouki Benabdessalem, *Institut Pasteur de Tunis*, #3

12:00 pm **LPS Exposure in Mice Changes Immune Responses in Offspring**, Lalita Mazgaen, *University of Iowa*, #4

Concurrent Session 8: Innate Immunity in Cancer

Chairs: Marco Cassatella, *University of Verona*; Megan Jones, *University at Buffalo, SUNY*

Location: America Ballroom North

Featured Speaker:

10:45 am **Advances on the Molecular Regulation of Gene Expression in Human Neutrophils**, Marco Cassatella, *University of Verona*

Selected Talks:

11:15 am **Growing Tumor Modifies Neutrophil Anti-Bacterial Properties, Leading to the Increased Susceptibility of Tumor-bearing Hosts to Acute Lung Infections with *Pseudomonas Aeruginosa***, Jadwiga Jablonska, *UK Essen*, #87

11:30 am **Kinetic of memory-like NK cells in response to HCMV after haploidentical**, Domenico Mavilio, *Med. Schl. Milan Uni./Humanitas Rsrch Hsptl*, #88

11:45 am **Pleiotropic Roles of Tumor-Associated Macrophages (TAMs) in Promoting Cancer Metastasis during Chemotherapy Treatment**, George Karagiannis, *Albert Einstein College of Medicine*, #89

12:00 pm **ADAM17 Inhibition Enhances Human NK Cell Proliferation by IL-15 in a Mouse Xenograft Model**, Hemant Mishra, *University of Minnesota*, #90

OR

12:15 pm – 2:15 pm Poster Session II Lunch, America Ballroom South

Browse the EVEN numbered poster boards while enjoying lunch and networking with fellow attendees.

2:15 pm – 2:45 pm Member Business Meeting & Award Presentations, America Ballroom Center

Learn about the current status of SLB and JLB and congratulate award winners with the announcement of Presidential awards and formal recognition of all travel awardees.

2:45 – 3:30 pm Plenary IV: Program Retrospective

2:45 pm

A New Chapter at the Oral Mucosa: Neutrophils Coping with the Emerging Oral Pathogens, Silvia Uriarte, *University of Louisville*

Chairs:

Cherié Butts, *Biogen*; Silvia Uriarte, *University of Louisville*

Location:

America Ballroom Center

3:15 pm

Future Outlook

Outlook for implications of the research presented will be reviewed along with announcements of onsite poster awardees and prize drawings.

Two Special 2020 Opportunities to Publish in *JLB*!

*** SLB 2019 Meeting Issue – First submissions due by January 29, 2020 for the JLB November 2020 issue

*** Special Member Issue on Lung Immunology - look for the call for papers in March.



JLB Special Focus issues feature articles both in the form of review papers ("overviews") and original investigations. *Visit the JLB table for more information on these opportunities and more!*

- **Vote for the December 2019 cover image**
- **Submit your ideas for future topical issues**
- **Win fun prizes and participate in YOUR journal**



Poster Program Summary

Acquired Immune Response to Infection

(abstracts 1-6)

Autoimmune Disease

(abstracts 7-12)

Changes in Tissue Immunity with Aging

(abstracts 13-18)

Immunity in the Lung

(abstract 19-28)

Impact of the Microbiome on Immune Responses and Cancer

(abstracts 29-35)

Innate Immune Response to Infection

(abstracts 36-86)

Innate Immunity in Cancer

(abstracts 87-91)

New Technologies

(abstracts 92-96)

Resolution of Immune Responses

(abstracts 97-119)

Respiratory Allergic Diseases

(abstracts 120-125)

Late Breaking Research

(abstracts LB1-LB15)

Poster Schedule

Set-up: Saturday, November 16th 12 pm

Removal: Monday, November 18th 3 pm

Poster Session I:

ODD Numbered Abstracts Presented

Lite Dinner Reception

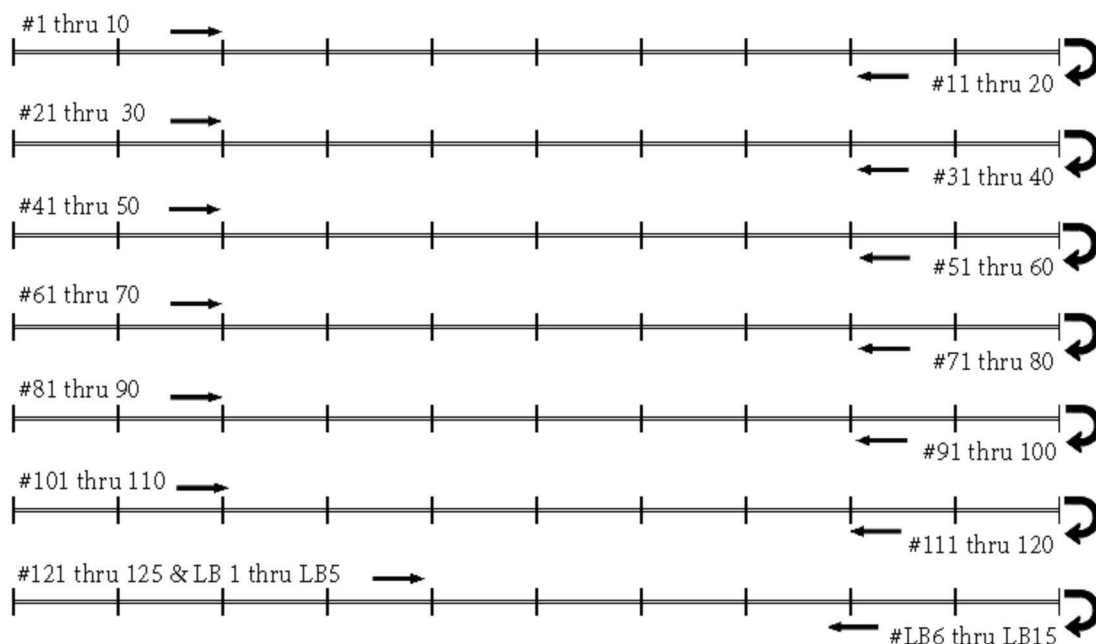
Sunday, November 17th, 5:45 – 7:45 pm

Poster Session II:

EVEN Numbered Abstracts Presented

Lunch Reception

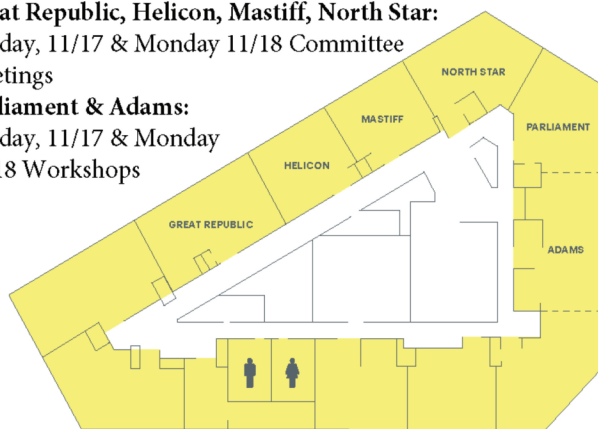
Monday, November 18th, 12:15 – 2:15 pm



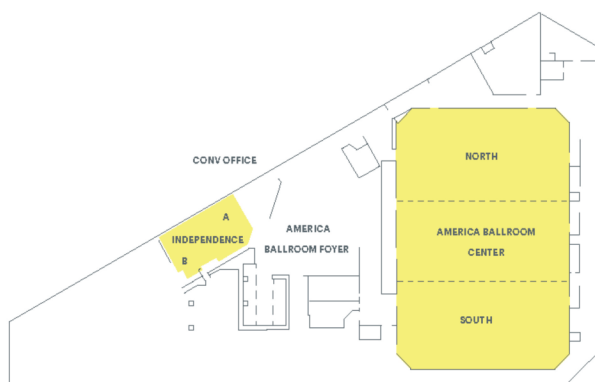


Floorplans/Maps

Great Republic, Helicon, Mastiff, North Star:
Sunday, 11/17 & Monday 11/18 Committee Meetings
Parliament & Adams:
Sunday, 11/17 & Monday 11/18 Workshops

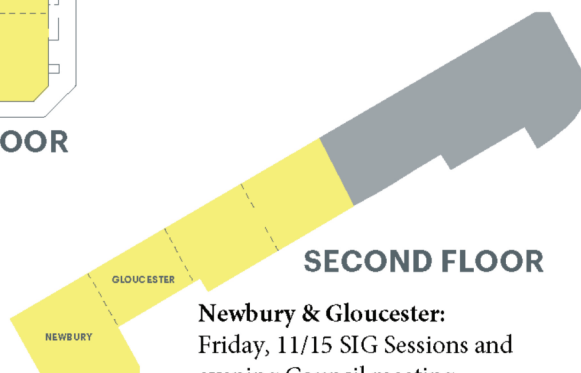
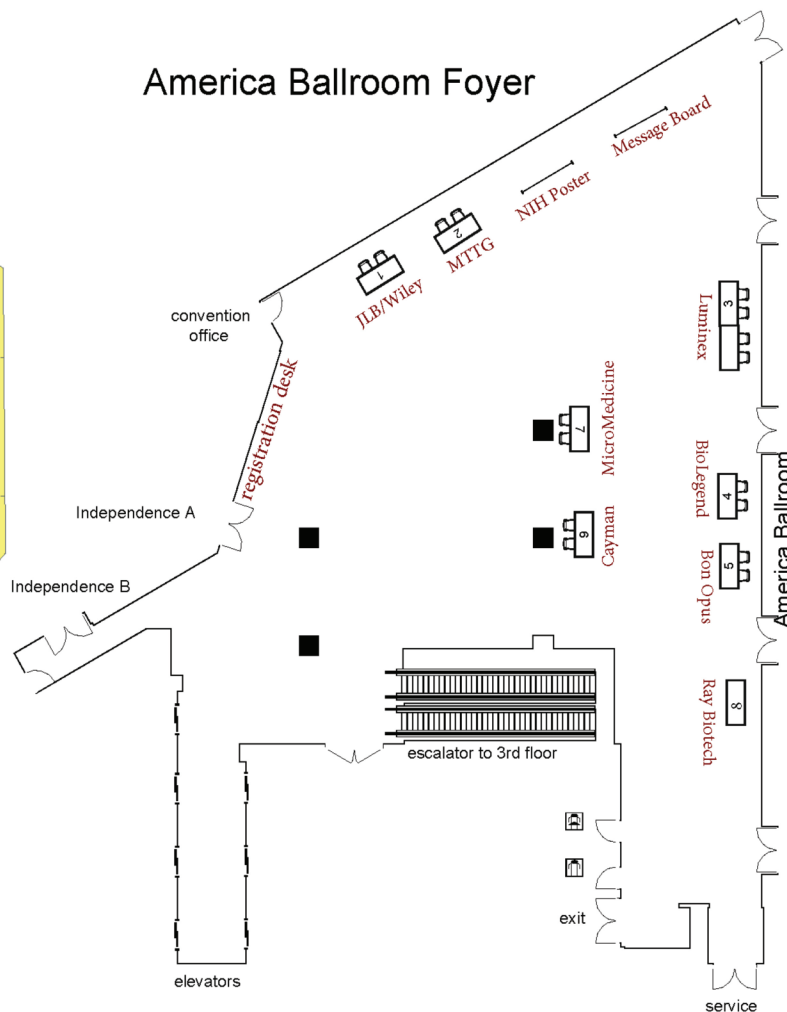


SEVENTH FLOOR



Main Conference Floor

FOURTH FLOOR



SECOND FLOOR

Newbury & Gloucester:
Friday, 11/15 SIG Sessions and evening Council meeting

NOTES

REGISTRATION, ABSTRACT, AND AWARD
SUBMISSIONS OPENING SPRING 2020

53rd Annual Meeting

Host-Microbial Interactions in Health and Disease: The Good, the Bad and the Ugly

September 30 – October 3, 2020

Portland, Oregon
Marriott Waterfront

CHAIRS: Ilhem Messaoudi, *University of California, Irvine* &
Louis Justement, *University of Alabama at Birmingham*

2020 TOPICS:

- Disruptions of Microbial Communities with Disease
- Immune Modulation by Microbes
- Regulation of Gene Expression During Host-Microbe Interactions
- Microbes as Triggers of Auto-Immunity / Inflammation
- Sepsis / Tissue Damage
- Harnessing the Immune System - Vaccination
- Early Life Microbial Exposure and Immune Ontogeny
- Impact of Age on Host-Microbe Homeostasis
- Metabolic Regulation of Host-Microbe Interactions
- Co-Opting of the Host Immune System by Microbes
- Microbes and Neuro-Inflammation

2020 CONFIRMED SPEAKERS:

- | | |
|--------------------------|---------------------|
| • Christopher Basler | • Derek McKay |
| • Amanda Brown | • Ilhem Messaoudi |
| • Hector Aguilar Carrero | • Meera Nair |
| • Sara Cherry | • Beatriz Leon Ruiz |
| • Kylie Kavanagh | • Balfour Sartor |
| • Meagan Koch | • Fikadu Tefesse |
| • Martin Kriegel | • Raphael Valdivia |
| • Doug Kwon | • Katrine Whiteson |
| • P'ng Loke | |
| • Kendle Maslowski | |



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AGENDA AT A GLANCE



Friday, November 15th

Special Interest Group Satellites

9:00 am–5:00 pm

Alcohol & Tissue-Specific Immunity (AIRIG)
(Independence B)

9:00 am–12:00 pm

Immunomodulatory Cell Death
(Gloucester)

9:00 am–12:00 pm

Progress in CRISPR-Cas Biology and Gene Editing
(Newbury)

9:00 am–12:00 pm

Resolution of Inflammation
(Great Republic)

1:00 pm–4:00 pm

Immune Regulation, Autoimmunity and Infection
(Independence A)

1:00 pm–4:00 pm

Advanced Imaging Approaches to Visualize Immune Cell Behavior
(Great Republic)

1:00 pm–4:00 pm

Impact of Aging on Tissue Resident Immune Cells
(Gloucester)

1:00 pm–4:00 pm

Global Science: Focus on Advancements in Immunology Research
(Newbury)

Saturday, November 16th

8:00 am–6:00 pm

Registration
(America Ballroom Foyer)

8:00 am–6:00 pm

Speaker Ready Room
(Independence A)

12:00 pm–6:00 pm

Exhibits
(America Ballroom Foyer)

8:30–10:30 am

Poster Flash Talks & Video Presentations
(America Ballroom Center)

10:30–10:45 am

Comfort Break

10:45 am–12:00 pm

Speed Networking Career Roundtables
(America Ballroom North)

12:00 pm–1:30 pm

MTTG Lunch Workshop: LinkedIn for Career Building, Networking & Job Search
(America Ballroom North)
Pre-registration required

12:00–1:30 pm

Lunch on your own

1:30–3:15 pm

Plenary I: Welcome and Program Overview
(America Ballroom Center)

3:15–4:45 pm

SLB Presidential Finalists
(America Ballroom Center)

4:45–5:00 pm

Coffee Break
(America Ballroom Foyer)

5:00–6:00 pm

SLB Mid-Level Award Talks
(America Ballroom Center)

6:00–6:45 pm

Top Cited Authors from the *Journal of Leukocyte Biology*
(America Ballroom Center)

6:45–7:45 pm

Opening Reception
(America Ballroom North)

7:45–8:45 pm

SLB Legacy Keynote Lecture
(America Ballroom Center)

Sunday, November 17th

8:00 am–4:30 pm

Registration
(America Ballroom Foyer)

8:00 am–4:15 pm

Speaker Ready Room
(Independence A)

8:30 am–4:30 pm

Exhibits
(America Ballroom Foyer)

7:00–9:00 am

Women and Diversity Workshop Breakfast—Advocating for Your Goals: The Art of Saying No, So You Can Say Yes
(Adams/Parliament)
Pre-registration required

8:30–9:00 am

Networking Breakfast
(America Ballroom Foyer)

9:00–10:30 am

Plenary II: Mucosal Immunity
(America Ballroom Center)

10:30 am–11:00 am

Coffee Break
(America Ballroom Foyer)

10:30 am–11:00 am

Coffee with the JLB EIC
(Independence B)

11:00 am–12:30 pm

Concurrent Session 1: Changes in Tissue Immunity with Aging
(America Ballroom Center)

Concurrent Session 2: Impact of the Microbiome on Immune Responses and Cancer
(America Ballroom North)

12:30–2:30 pm

Lunch on Your Own

2:30–4:00 pm

Plenary III: Autoimmune Disease
(America Ballroom Center)

4:00–4:15 pm

Coffee Break
(America Ballroom Foyer)

4:15–5:45 pm

Concurrent Session 3: Resolution of Immune Responses
(America Ballroom Center)

Concurrent Session 4: Immunity in the Lung
(America Ballroom North)

5:45–7:45 pm

Poster Session I Reception
(America Ballroom South)

Monday, November 18th

8:00 am–3:30 pm

Registration
(America Ballroom Foyer)

8:00 am–2:30 pm

Speaker Ready Room
(Independence A)

8:30 am–2:30 pm

Exhibits
(America Ballroom Foyer)

7:00–9:00 am

Professional Workshop Breakfast—Building the Right Team through Great Leadership
(Adams/Parliament)
Pre-registration required

8:30–9:00 am

Networking Breakfast
(America Ballroom Foyer)

9:00–10:30 am

Concurrent Session 5: Innate Immune Response to Infection
(America Ballroom Center)

Concurrent Session 6:

Respiratory Allergic Diseases
(America Ballroom North)

10:30–10:45 am

Coffee Break
(America Ballroom Foyer)

10:45 am–12:15 pm

Concurrent Session 7: Acquired Immune Response to Infection
(America Ballroom Center)

Concurrent Session 8: Innate Immunity in Cancer
(America Ballroom North)

12:15 pm–2:15 pm

Poster Session II Lunch
(America Ballroom South)

2:15 pm–2:45 pm

Member Business Meeting & Award Presentations
(America Ballroom Center)

2:45 – 3:30 pm

Plenary IV: Program Retrospective
(America Ballroom Center)