Special Interest Group Satellites

Friday, November 15th

9:00 am – 5:00 pm

Alcohol & Tissue-Specific Immunity (AIRIG)

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

- 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
- Targeting the Resolution of Inflammation with a Novel Cell-based Therapy in Alcoholic Liver Disease, Rebecca McCullough, University of Colorado Denver
- Biomarkers and Novel Pathways Involved in the Development of Alcoholic Liver Disease, Vasilis Vasiliou, Yale University
- Funding and Training Opportunities, H. Joe Wang, NIAAA
- Alcohol Misuse and HIV Infection: Viral and Immune Factors Influencing Transmission and Disease Progression, Angela Martin Amedee, LSU Health Sciences Center – New Orleans
- Ceramides as Regulators of Insulin Resistance and Lipophagy in Alcoholic Liver Disease, Rotonya Carr, University of Pennsylvania
- 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
- Abnormal Eating Pattern Promotes Alcohol-induced Colon Carcinogenesis via Dysbiosis and Colonic Inflammation, Faraz Bishehsari, Rush University, #33
- Chronic Alcohol Exposure Decreases Expression of Tight Junction Proteins and Impairs Lung Barrier Function, Niya Morris, Emory University, #28
- MicroRNA Expression Profile of Intestinal Epithelial Cells Following Alcohol and Burn Injury, Caroline Herrnreiter, Loyola University Chicago, #35

Location: Independence B
9:00 am – 12:00 pm
Immunomodulatory Cell Death
Chairs: Ben A. Croker, Boston Children’s Hospital, Kristopher Sarosiek, Harvard T.H. Chan School of Public Health

- **Effector Functions of Neutrophil Necroptosis**, Ben A. Croker, Boston Children’s Hospital, Harvard Medical School
- **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 Inflamasome 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

**Location:** Gloucester

9:00 am – 12:00 pm
Progress in CRISPR-Cas Biology and Gene Editing
Chair: Min Wu, University of North Dakota

- **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

**Location:** Newbury

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

- **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

**Location:** Great Republic
1:00 pm – 4:00 pm  
**Immune Regulation, Autoimmunity and Infection**  
Chairs: Rachel Caspi, NIH & WanJun 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 Restraints Regulatory T Cell Activity, Mate Tolnay, CDER, FDA  
- Modeling Neurotropic Viruses in Immunocompetent Mice: What Have We Learned So Far, Daniela Verethyli, 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, WanJun Chen, NIDCR, NIH

1:00 pm – 4:00 pm  
**Advanced Imaging Approaches to Visualize Immune Cell Behavior**  
Chairs: Margarida Barroso, Albany Medical College & Sergio Catz, The Scripps Research Institute  
Sponsored by the Histochemical Society  

- 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

1:00 pm – 4:00 pm  
**Impact of Aging on Tissue Resident Immune Cells**  
Chair: Rebecca Fuldner, NIA, NIH  

- Skin-resident T Cell Responses to VZV Infection and Vaccination, David Koelle, University of Washington  
- Tissue Resident Memory Cells and Aging, Susan Swain, University of Massachusetts Medical School  
- Adipose Tissue Resident Leukocytes in Aging and Inflammation, Deep Dixit, Yale University  
- Exploring the Impact of Inflamming on Immune Function During M. tb Infection, Joanne Turner, Texas Biomedical Research Institute
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

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
10:00 am – 6:00 pm
America Ballroom Foyer

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

Innate Immune Response to Infection: Co-Chair: TBA

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

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

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

Immunity of disease: Co-Chair: TBA

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

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

The Role of the Actin-binding Protein Cortactin and its Homologue Hematopoietic Cell-specific Lyn Substrate 1 (HS1) in the Onset and Progression of Sepsis, Nathaniel Lartey, CINVESTAV of IPN, #23

Removal of Innate Suppressors Enhances Antitumor Immune Responses, Yao Zhang, Virginia Tech, #91

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

Location:
America Ballroom Center
Resolution of Immune Responses: Co-Chair: TBA

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

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

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

**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 Elevator Talk Competition Pending

Highlighting the top 4 Elevator talks submitted by SLB Students and Postdocs

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 background and individuals seeking career advice. 
*Pre-registration required*

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 pm</td>
<td>Translating Discoveries into Meaningful Therapies: Key Questions to Address and Why, Cherie Butts, Biogen</td>
<td>Lee-Ann Allen, SLB President &amp; Cherie Butts, Biogen, America Ballroom Center</td>
</tr>
<tr>
<td>2:00 pm</td>
<td>Neutrophil Cytoplasts Promote TH17 Inflammation in Asthma, Bruce Levy, Brigham &amp; Women’s Hospital</td>
<td>Richard Ransohoff, Harvard Medical School and Third Rock Ventures</td>
</tr>
<tr>
<td>2:25 pm</td>
<td>A Rendezvous with Microglia, Veronique Witko-Sarsat, INSERM</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
<tr>
<td>2:50 pm</td>
<td>Neutrophils as Targets in Autoimmune Vasculitis: New Concepts, Veronique Witko-Sarsat, INSERM</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
</tbody>
</table>

### 3:15 – 4:45 pm SLB Junior Awards

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15 pm</td>
<td>Rewiring of the Placenta Immune Landscape with Pregravid Obesity, Suhas Sureshchandra, University of California Irvine, #97</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
<tr>
<td>3:30 pm</td>
<td>Phenotypical MicroRNA Screen Reveals a Noncanonical Role of CDK2 in Regulating Neutrophil Migration, Alan Hsu, Purdue University, #98</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
<tr>
<td>3:45 pm</td>
<td>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</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
</tbody>
</table>

### SLB Junior Faculty/Postdocs Presidential Award Finalist

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Chair/Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00 pm</td>
<td>Augmenting Emergency Granulopoiesis with CpG-ODN Conditioned Mesenchymal Stromal Cells for the Treatment of Neutropenic Sepsis, Julie Ng, Brigham and Women’s Hospital, #36</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
<tr>
<td>4:15 pm</td>
<td>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</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
<tr>
<td>4:30 pm</td>
<td>Resolvin D4: Biosynthesis and Actions in Mice Vasculature, Charlotte Jouvene, Harvard Medical School, #100</td>
<td>Nick Lukacs, University of Michigan &amp; Lee-Ann Allen, University of Iowa</td>
</tr>
</tbody>
</table>

### 4:45 – 5:00 pm Coffee Break, America Ballroom Foyer
5:00 – 6:00 pm  
SLB Mid-Level Award Talks  

<table>
<thead>
<tr>
<th>Awards</th>
<th>Talks</th>
</tr>
</thead>
</table>
| 5:00 pm Dolph O. 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 the Journal of Leukocyte Biology  

<table>
<thead>
<tr>
<th>Talks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 pm Macrophage Sensing of Cell Death, Kenneth Rock, UMASS</td>
</tr>
<tr>
<td>6:20 pm Myeloid Cell-specific Deletion of Cebpb Decreases Sepsis-induced Immunosuppression in Mice, Mohamed Elgazzar, East Tennessee State University College of Medicine</td>
</tr>
</tbody>
</table>

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  

<table>
<thead>
<tr>
<th>Talks</th>
</tr>
</thead>
</table>
| Targeted Therapies that Enhance Response to Immune Checkpoint Inhibitors  
Ann Richmond, Vanderbilt University |

Chair:  
Lee-Ann Allen, University of Iowa  
Location:  
America Ballroom Center
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
</table>
| 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  
Pre-registration required | America Ballroom Foyer  
Independence A |
| 8:30 – 9:00 am | Networking Breakfast  
*America Ballroom Foyer*  
Enjoy a continental breakfast while networking with fellow attendees. | Independence A |
| 9:00 – 10:30 am | Plenary II: Mucosal Immunity  
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* | America Ballroom Center |
| 10:30 am – 11:00 am | Coffee Break, *America Ballroom Foyer*  
OR  
*Coffee with the JLB EIC, Independence B*  
Meet the *Journal of Leukocyte Biology* Editor-in-Chief, Luis Montaner, during this special coffee break. Discuss your manuscript ideas and learn about the submission process. | Independence B |
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 & TBA
**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 & TBA
**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

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

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 & TBA

*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

**Concurrent Session 4: Immunity in the Lung**

*Chairs:* Claire Doerschuk, University of North Carolina & TBA

*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 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

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

5:45 – 7:45 pm Poster Session I Reception, America Ballroom South
Browse the ODD numbered abstracts while enjoying light fare and networking with fellow attendees.

Monday, November 18th

Registration
8:00 am – 3:30 pm
America Ballroom Foyer

Speaker Ready Room
8:00 am – 3:30 pm
Independence A

Exhibits
8:00 am – 3:30 pm
America Ballroom Foyer

7:00 – 9:00 am Professional Workshop
Breakfast – Building the Right Team through Great Leadership
Adams/Parliament
Chairs: Shannon Wallet and Coy Allen
Session leader - Rachael K. Phillips
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  Concurrent Sessions 5 & 6

### Concurrent Session 5: Innate Immune Response to Infection

**Chairs:** Sergio Catz, *Scripps Institute & TBA  
**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- and Glucocorticoid-inducible kinase1 (SGK1) Restrains P. Gingivalis-mediated Inflammation and Protects Against Periodontal Bone Loss,* Huizhi Wang, *Virginia Commonwealth University,* #41  
9:45 am *Modulation of Phagocytosis-induced Cell Death of Human Neutrophils by Neisseria gonorrhoeae,* Christine Cho, *University 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, *Université Paris Descartes/INSERM,* #44

### Concurrent Session 6: Respiratory Allergic Diseases

**Chairs:** Avery August, *Cornell Uni. & TBA  
**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, *University 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 Medical School, Massachusetts General Hospital,* #122  
10:15 am *The Role of Neutrophil Extracellular Traps in Rhinitis of Infectious and Allergic origin,* Marcin Zawrotniak, *Jagiellonian University in Krakow,* #123

### 10:30 – 10:45 am  Coffee Break, America Ballroom Foyer
**Concurrent Sessions 7 & 8**

<table>
<thead>
<tr>
<th>Concurrent Session 7: Acquired Immune Response to Infection</th>
<th>Concurrent Session 8: Innate Immunity in Cancer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chairs: Jean Lim, <em>Mount Sinai</em> &amp; TBA</td>
<td>Chairs: Marco Cassatella, <em>University of Verona</em> &amp; TBA</td>
</tr>
<tr>
<td>Location: America Ballroom Center</td>
<td>Location: America Ballroom North</td>
</tr>
<tr>
<td><strong>Featured Speaker:</strong></td>
<td><strong>Featured Speaker:</strong></td>
</tr>
<tr>
<td>10:45 am Dengue Virus Immunity</td>
<td>10:45 am Advances on the Molecular Regulation of Gene Expression in Human Neutrophils, Marco Cassatella, <em>University of Verona</em></td>
</tr>
<tr>
<td>Increases Zika Virus-induced Damage During Pregnancy, Jean Lim, <em>Mount Sinai</em></td>
<td><strong>Selected Talks:</strong></td>
</tr>
<tr>
<td><strong>Selected Talks:</strong></td>
<td></td>
</tr>
<tr>
<td>11:30 am B Cells Inhibit CD4+ T Cell-mediated Protection Against Brucella Infection, Alexis Dadelahi, <em>University of Missouri</em>, #2</td>
<td>11:30 am Kinetic of Natural Killer Cells Showing an Unconventional Immunological Memory in Haploidentical Hematopoietic Stem Cell Transplanted Patients Undergone Human Cytomegalovirus Reactivation, Domenico Mavilio, <em>Medical School of Milan University / Humanitas Research Hospital</em>, #88</td>
</tr>
<tr>
<td>11:45 am Circulating and Local Biomarkers for Diagnosis of Tuberculous Lymphadenitis, Chaouki Benabdessalem, <em>Institut Pasteur de Tunis</em>, #3</td>
<td>11:45 am Pleiotropic Roles of Tumor-Associated Macrophages (TAMs) in Promoting Cancer Metastasis during Chemotherapy Treatment, George Karagiannis, <em>Albert Einstein College of Medicine</em>, #89</td>
</tr>
<tr>
<td>12:00 pm LPS Exposure in Mice Changes Immune Responses in Offspring, Lalita Mazgaeen, <em>University of Iowa</em>, #4</td>
<td>12:00 pm ADAM17 Inhibition Enhances Human NK Cell Proliferation by IL-15 in a Mouse Xenograft Model, Hemant Mishra, <em>University of Minnesota</em>, #90</td>
</tr>
</tbody>
</table>
12:15 pm – 2:15 pm    **Poster Session II Lunch**, America Ballroom South
Browse the EVEN numbered abstracts 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*

3:15 pm
**Outlook for future implications of the research presented plus onsite poster award announcements and prize drawings.**

Chairs:
Cherie Butts, *Biogen*; Silvia Uriarte, *University of Louisville*

Location:
America Ballroom Center