



2025 Pre-Program

Wednesday, October 29th

Information Desk

8:00 am – 4:00 pm

Stanley Park Foyer

Special Interest Group Satellites (SIGs):

SIG 1: The Role of Neutrophils in Chronic Inflammation (9am-12pm)

Room: Stanley Park 1

Chair: Carlos Rosales, *Universidad Nacional Autónoma de México*

- **Compensating with a Cost: How FcγRIIIb Deficiency Shapes Neutrophil Functions**, Marion Brunk, *Instituto Tecnológico de Monterrey*
 - **Through the Lens of Zebrafish: How Systemic Inflammation Hacks Neutrophil Responses**, Sofia de Oliveira, *Albert Einstein College of Medicine*
 - **Neutrophils in the Oral Cavity: Guardians of Health and Agents of Disease**, Eileen Uribe Querol, *Facultad de Odontología - Universidad Nacional Autónoma de México*
 - **Harnessing Neutrophils in Cancer: Mission Impossible?**, Jadwiga Jablonska, *University Hospital Essen*
 - **Obesity Impairs Neutrophil Microbicidal Functions**, Carlos Rosales, *Instituto de Investigaciones Biomédicas - Universidad Nacional Autónoma de México*
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SIG 2: Novel Mediators Rejuvenating Innate Immune Homeostasis (9am-12pm)

Room: Stanley Park 2

Chair: Liwu Li, *Virginia Tech*

- **Rejuvenation of Innate Immunity for Inflammation Therapeutics**, Liwu Li, *Virginia Tech*
 - **Role of DNA Sensing Pathways in Sepsis**, Meihong Deng, *Feinstein Institutes for Medical Research*
 - **MAP Kinase Phosphatase in Efferocytosis and Progression of Late-stage Atherosclerosis**, Jun Yu, *Temple University School of Medicine*
 - **Engineered immune cells for homeostasis**, Qing Deng, *Purdue University*
 - **OGT-modulated Metabolic Alterations in Innate Immunity**, Haitao Wen, *Ohio State University*
-

SIG Attendee Lunch (for SIG registrants only) (12-1pm)

Stanley Park 3

SIG 3: Immunomodulation by Neutrophils: From Molecular Mechanisms to Tissue Inflammation (1-4pm)

Room: Stanley Park 1

Chairs: Sergio Catz, *Scripps Research Institute* & Ben Croker, *UC San Diego*

- **Neutrophils and Monocytes: Friends or Foes in Cardiovascular Disease?**, Lynn Hedrick, *Immunology Center of Georgia, Augusta University, Augusta*
- **Endolysosomes and Neutrophil-mediated Inflammation**, Sergio Catz, *Scripps Research Institute, La Jolla*
- **How Neutrophil Swarms Adjust Their Size and Shape to Cover Large Targets**, Daniel Irimia, *MGH, Harvard, Boston*
- **Living and Dying for Balance: Neutrophils as Dynamic Modulators of Inflammation**, Hongbo Luo, *BWH, Harvard, Boston*
- **Neutrophil Inflammasome Activation: Learning From Human Autoinflammation**, Ben Croker, *UCSD, La Jolla*

SIG 4: Alcohol Use Disorder and Its Impact on Immunity (1pm-4pm)

Room: Stanley Park 2

Chairs: Jamie Sturgill, *University of Kentucky College of Medicine*, and Vidula Vachharajani, *Cleveland Clinic*

- **The Drinking Dilemma: How Alcohol Stirs up Colitis**, Mashkoor A. Choudhry, *Loyola University Chicago Health Sciences Division*
- **Neuroinflammatory Effects of Alcohol on Burn Injury: Unraveling the Role of the Gut**, Rachel H. McMahan, *University of Colorado Denver Anschutz Medical Campus*
- **Alcohol-induced Derangements in Alveolar Macrophage Immunometabolism May Be Due to Altered Hyaluronan**, Samantha Yeligar, *Emory University/Atlanta VA Medical Center*
- **Too much of a good thing: Alcohol and Oxygen negatively impact the lung in the ICU**, Jamie Sturgill, *University of Kentucky*

SLB Council Meeting Dinner (Part 1): 5-9 pm – Coquitlam (by invitation only)

58th Annual Society for Leukocyte Biology Meeting

Inflammation: A Goldilocks Story



Thursday, October 30th

Information Desk

8:00 am – 5:00 pm

Stanley Park Foyer

Speaker Ready Room

8:00 am – 5:00 pm

Chehalis

Staffed during breaks only

JLB Editorial Board (breakfast) 7:45am – 9:00 am - Cowichan

8:00 – 9:00 am Networking Breakfast Stanley Park 2/3

Hosted by the Engagement and Enrichment Committee, join fellow attendees for this opening breakfast event while discussing a variety of topics and getting to know your fellow attendees.

Light Breakfast Buffet provided.

9:00 am – 10:30 am Feature I: Sepsis

Chairs:

Laura Sly & Vidula Vachharajani

Location:

Stanley Park 1

- TOO HOT

9:00 am

Deciphering Sepsis with Systems Immunology Approaches: New Diagnostic and Therapeutic Concepts, Bob Hancock, *University of British Columbia*

9:30 am

Sepsis Immune Response: The Sirtuin Story, Vidula Vachharajani, *Cleveland Clinic*

10:00 am

Why Do Babies Get Sick? A Systems Biology Approach to Developing Diagnostics and Therapeutics for Neonatal Sepsis, Amy Lee, *Simon Fraser University*

10:30 am – 11:00 am Break Stanley Park 2/3

Join fellow attendees for a quick break to stretch your legs and grab a refreshment.

11:00 am – 12:30 pm Feature II: Cancer

Biology & Immunology – TOO COLD

Chairs:

Bill Nauseef & Juhi Bagaitkar

Location:

Stanley Park 1

11:00 am

Novel Roles of STATs 1 and 2 in Cancer, George Stark, *Cleveland Clinic*

11:30 am

Immune Control of Pediatric Leukemia - Timing is Everything, Gregor Reid, *University of British Columbia*

12:00 pm

Regulation of Cytokine Responses: Updates in STAT2 and its Role in Human Diseases, Yuxin Wang, *Cleveland Clinic*

12:30 pm – 1:30 pm Biogen Poster Session Lunch I Stanley Park 2/3



Sponsored by Biogen

Join fellow attendees and browse posters during this first poster session while enjoying lunch.

Lunch provided.

Featured Posters:

- **VISTA Expression and Function in Alveolar and Interstitial Macrophages During Sepsis-Induced ARDS**, Fernando Gutierrez Garcia, *Brown University* #001
- **Differential Effects of PMN vs. Endothelial Cell-PD-L1 Gene Loss on Shock/Sepsis Induced ALI**, Alfred Ayala, *Rhode Island Hospital* #002
- **Candida albicans Glucan-glycogen Complex is a Novel Fungal PAMP**, Tammy Ozment, *East Tennessee State University* #003
- **Neutrophils Present in Hepatic Metastases of Colorectal Cancer Exhibit a Pro-tumoral Phenotype**, Eduardo Vadillo, *Mexican Institute for Social Security (IMSS)* #LB02
- **Inulin Improves Intestinal Barrier Function and Reduces Crohn Disease-like Ileitis in SHIP Deficient Mice**, Chloé Bender-Thorsen, *University of British Columbia/BCCHR* #LB06
- **Neutrophils Regulate the Oral Squamous Cell Carcinoma (OSCC) TME via Time and Space**, Yanfang Zhu, *Augusta University*, #LB11
- **Increase in Bone Marrow Stiffness Activates Neutrophils in Diabetes**, Kaustabh Ghosh, *UCLA and Doheny Eye Institute* #LB13
- **Peripheral Neuritis and Neuromuscular Junction Pathology During T. gondii Infection**, Caleb Buerger, *SUNY at Buffalo* #LB14 (Presidential Scholars Graduate Student Merit Awardee)
- **Therapeutic Inhibition of Bruton's Tyrosine Kinase (BTK) Acts on Monocytes and Neutrophils to Attenuate Immune Cell Activation in a Mouse Model of Alcohol-associated Liver Disease**, Prashanth Nagesh, *Harvard Medical School* #LB17

1:30 – 3:30 pm Presidential Scholars

Chairs:

Cynthia Leifer & Lou Justement

Location:

Stanley Park 1

Graduate Student Finalists

1:30 pm

TREM2-deficient Macrophages Fail to Control Early Toxoplasma gondii Infection and Promote Parasite Dissemination,
Hannah Debray,
University of California, Irvine #011

1:45 pm

Staphylococcus aureus Citrate Metabolism Shapes Immune Responsiveness During Biofilm Infection,
Nichole Brandquist,
University of Nebraska Medical Center #012

2:00 pm

Ras GTPase is Required for Metabolic Reprogramming During TLR-Mediated Trained Innate Immunity, Mary Oliver,
Vanderbilt University #013

2:15 pm

scSpatial ProtECT: Streamlined Workflow for Single-Cell Spatial Proteomic Analysis,
Austin Lowery,
Immunology Center of Georgia #014

Postdoctoral Finalists

2:30 pm

Priming the Immune System: Long-Lasting Trained Immunity Induced by Class A CpG-DNA, Zoe Michael,
Brigham and Women's Hospital #015

2:45 pm

Training Innate Immunity to Improve Neutrophil Function after Burn Injury, Xenia Davis,
Vanderbilt University Medical Center #016

3:00 pm

Rapamycin Alters the Bone Marrow Niche and Restores Immune Homeostasis in Trauma and Secondary Infection,
Chyna Lovell,
Harvard Medical School #017

3:15 pm

Oxidized MtDNA Activates ER stress-NLRP3 Axis, Amplifying NETosis in Diabetes, Liang De Wang,
Nanyang Technological University #018

3:30 – 4:00 pm Break Stanley Park 2/3

Join fellow attendees for a quick break to stretch your legs and grab a refreshment.

4:00 – 5:00 pm

Excellence in

Chairs:

Cynthia Leifer & Lou Justement

Location:

Stanley Park 1

Leukocyte Biology

4:00 pm

Innate-like $\gamma\delta$ CAR-T Cells Targeting HIV in a Primate Model, Namita Rout,
Tulane University School of Medicine #019

4:20 pm

Leukocytes in Human Breastmilk: State-of-the-Art,
Marion Brunck,
Tecnológico de Monterrey #020

4:40 pm

Endothelial Cells and Vessel-Associated Macrophages Establish Regulatory Synapses in Inflamed Mucosa, Ronen Sumagin,
Northwestern University #021

5:00 – 5:15 pm Break Stanley Park 2/3

Stretch your legs during this quick break before the Legacy Lecture and evening dinner reception.

5:15 – 5:45 pm

SLB Lifetime

Chair:

Lou Justement

Location:

Stanley Park 1

Honorary Member Lecture

- **In Memory: Michael Cancro** presented by Michael Schnoor
- **The Critical Role of TNFR2 in Immunosuppression Driven by Translocated Microbiota in Colorectal Cancer**, Xin Chen, *Univ of Macau #022*

5:45 – 6:45 pm

SLB Legacy Keynote

Lecture

SLB Legacy Awardee

Chair:

Alfred Ayala, 2024 Legacy

Awardee

Location:

Stanley Park 1

Inflamm-aging, Intoxication, and Injury: My

Journey through Leukocyte Biology, Elizabeth J. Kovacs, *Univ of Colorado Denver*

7:00 pm – 9:00 pm Opening Dinner Reception, Stanley Park Foyer

Join fellow attendees to celebrate coming together at this dinner reception. Mingle, network, and connect with new, and old, friends.

Friday, October 31st

Information Desk

8:00 am – 4:00 pm

Stanley Park Foyer

Speaker Ready Room

8:00 am – 4:00 pm

Chehalis

Staffed during breaks only

7:00 am – 9:00 am Breakfast Stanley Park 2/3

Join fellow attendees for a light breakfast and enjoy our guest session presented by iiSIAR.

Light breakfast provided.

7:15 am – 9:00 am iiSIAR-Heel Guest

Chair:

Location:

Symposium: Immunomodulatory

Amiram Ariel

Stanley Park 2

Ligands in Myeloid Inflammation and Autoimmunity

7:15 am

Introductions

7:20 am

Spatially-resolved Functional Maps of Synovial Macrophages and Structural Cells in Remission and Inflammatory Arthritis, Janine Lueckgen, *University Medical Center Ljubljana*

7:30 am

Specialized Pro-resolving Lipid Mediator Production and Action in Inflammation, Regeneration, and Autoimmunity, Jesmond Dalli, *Queen Mary University of London*

8:00 am

Microglia Development, Phagocytosis and Inflammation are Regulated by PROS1, Tal Burstyn-Cohen, *The Hebrew University*

8:30 am

Novel Effectors in the Resolution of Inflammation and Tissue Fibrosis, Amiram Ariel, *University of Haifa*

9:00 am – 10:00 am

Focus 1: Mucosal

Chair:

Location:

Immunology

Thaddeus Stappenbeck & Melanie Martinsen

Stanley Park 1

9:00 am

Eating Dead Cells can be Proinflammatory, Thaddeus Stappenbeck, *Cleveland Clinic*

9:30 am

Neutrophil-Derived Oncostatin M Promotes Endothelial Dysfunction During Oral Bacteria Interaction, Michelle Visser, *University at Buffalo #023*

9:45 am

A. muciniphila Restores Intestinal Barrier Integrity and Attenuates Multi-Organ Inflammation and Neutrophil Infiltration, Mary Grace Murray, *Loyola University Chicago #024*

**10:00 am – 11:00 am Focus 2: Immunity
Through the Ages**

Chair:

Martha Alexander-Miller &
Austin Lowery

Location:

Stanley Park 1

10:00 am

**Safe Starts: Strategies to
Protect Newborns from
Influenza**, Martha Alexander-
Miller, *Wake Forest University*

10:30 am

**Activation of Retinal Microglia
for Antigen Processing by
Adjuvant Alone**, Andrew Taylor,
Boston University #025

10:45 am

**Aging Induces a Senescent-like
Phenotype in Neutrophils with
Altered Responses to
Infection**, Elsa Bou Ghanem,
University at Buffalo #026

**11:00 am – 12:00 pm Focus 3: Omics -
Through Space and Time**

Chair:

Kevin Maloy & Liang De Wang

Location:

Stanley Park 1

11:00 am

**Protective Immune Circuits
Induced Following Colonization
with an Intestinal Bacterial
'Pathobiont'**, Kevin Maloy,
University of Glasgow

11:30 am

**Unraveling the Leishmania-
Induced Alterations of
Macrophage Metabolism and
Proteome**, Hamlet Acevedo
Ospina, *INRS #027*

11:45 am

**Long Chain Fatty Acids May
Enhance Neutrophil
Mitochondrial Function During
Sepsis**, Heather Teague, *NIH -
National Heart, Lung and Blood
Institute #028*

12:00 – 1:00 pm Poster Session Lunch II Stanley Park 2/3

Join fellow attendees and browse posters during this first poster session while enjoying lunch.

Lunch provided

Featured Posters:

- **Swarm size drives neutrophil mediated clearance of oral candidiasis**, Darpan Saraswat, *University at Buffalo #004*
- **Intestinal Epithelial Cell Specific STAT3 Knock Out Alleviates Ethanol Induced Exacerbation of DSS-Colitis**, Madison Tschann, *Loyola University Chicago #005*
- **SHIP Blocks (MDP+LPS)-Induced Synergy in Macrophages Independent of Catalytic Activity**, Yvonne Pang, *UBC-BCCHR #006*
- **Ionocyte and Paneth Cell Defensin Gene Expression is Modulated in Patients Infected with SARS-CoV-2**, Lisa Ryan, *University of Louisville #LB03*
- **STEMprep™ Automated Tissue Dissociation System: Maximize Cell Viability and Yield**, Alistair Chenery, *STEMCELL Technologies #LB04*
- **Mechanisms of Neutrophil-Clostridioides difficile Interactions Driving Pathogen Expansion and Persistence**, Shinsmon Jose, *University of Cincinnati #LB12*
- **The Role of Neutrophil Effector Functions in Controlling Acute T. gondii Infection**, Tatiane Lima, *California State Polytechnic University #LB15*
- **Oral Dysbiosis Enhances Susceptibility to HSV-1 Infection in Gingival Epithelial Cells**, Chandra Shrestha, *Nationwide Children's Hospital #LB16*
- **Sustained Redox-Metabolic Reprogramming Shifts Neutrophils from Inflammatory to Antigen Presenting Capabilities in Inflamed Human Lung**, Salina Gairhe, *NIH #LB18*

1:00 pm – 2:00 pm		Focus 4: Host-Pathogen Interactions Type 1	Chair: Paul Kubes & Mary Grace Murray	Location: Stanley Park 1
1:00 pm	Host Pathogen Responses in the Young and Old , Paul Kubes, <i>University of Calgary</i>		1:30 pm	
			The Macrophage ER-shaping Protein CLIMP63 Contributes to the Ability of Leishmania to Colonize Macrophages , Albert Descoteaux, <i>Institut National de la Recherche Scientifique #029</i>	
			1:45 pm	
			Classical Monocyte-derived Macrophages Are Preferential Targets and Reservoirs for HIV-1 Infection , Timothy Hanley, <i>University of Utah #030</i>	

2:00 pm – 3:00 pm		Focus 5: New Enabling Technologies	Chair: Romain Ballet & Aleksandra Lenhard	Location: Stanley Park 1
2:00 pm	Cytometers that Learn: From Diagnosis to Discovery , Romain Ballet, <i>Thinkcyte</i>		2:30 pm	
			The N-Terminus of Ninjurin-1 is Intracellular , Benjamin Steinberg, <i>Hospital for Sick Children #031</i>	
			2:45 pm	
			Failure of Endogenous Resolution Reprograms Neutrophil Function and Promotes Thromboinflammation , Felicity Gavins, <i>Brunel University of London #032</i>	

3:00– 3:30 pm Break Stanley Park 2/3
Join fellow attendees for a quick break to stretch your legs and grab a refreshment.

3:30 pm – 4:30 pm		Focus 6: Host-Pathogen Interactions- Type 2	Chair: Derek McKay & Anagha Betadpur	Location: Stanley Park 1
3:30 pm	Autologous Macrophage Transfer to Treat Colitis , Derek McKay, <i>University of Calgary</i>		4:00 pm	
			Casting NETs of Harm: Lipofuscin Accumulation Drives NETosis-mediated Liver Fibrosis , Siu Ling (Christine) Wong, <i>Nanyang Technological University Singapore #033</i>	
			4:15 pm	
			Targeting LxCxE Cleft Pocket of Retinoblastoma Protein in M2-like Immunosuppressive Macrophages Inhibits Ovarian Cancer Progression , Luis Montaner, <i>Wistar Institute #034</i>	

**4:30 pm – 5:30 pm
from T cells**

Focus 7: Lessons

Chair:

Sarah Crome & Nichole
Brandquist

Location:

Stanley Park 1

4:30 pm

**Engineered Human Innate
Lymphoid Cells**, Sarah Crome,
University Health Network

5:00 pm

**Role of Double Negative TCR-
 α/β + T Cells in Oral Mucosal
Immunity**, Fatemeh Momen-
Heravi, *University of California,
San Francisco #035*

5:15 pm

**Impact of Myeloid-Derived
Suppressor Cells on T cell
Function in Children with S.
aureus Infection**, Jordan
Brauner, *Nationwide Children's
Hospital #036* (Presidential
Scholars Postdoc Merit Awardee)

**5:30 pm – 6:30 pm
Homeostasis**

Focus 8: Toward

Chair:

Julia Bohannon & Madison
Tschann

Location:

Stanley Park 1

5:30 pm

**Trained Immunity as a Strategy
for Preventing Nosocomial
Infections**, Julia Bohannon,
Vanderbilt University

6:00 pm

**Neutrophil Progenitor
Transplantation Attenuates
Chemotherapy-Induced
Neutropenia**, Melanie
Martinsen, *Brown University
#037* (Presidential Scholars Graduate
Student Merit Awardee)

6:15 pm

**Dnase113 Protects B6 Mice
From Neurological Lupus-Like
Complications**, Peter Keyel,
Texas Tech University #038

6:30 – 8:30 pm AI in Immunology

A Professional Development Dinner Workshop

Stanley Park 2/3

Open to all attendees

Join this workshop organized by the Professional Development and Members in Transition and Training Committees. A panel will present thoughts on different areas of using AI in immunology such as in data analysis, writing and more.

Buffet dinner provided

Saturday, November 1st

Information Desk

8:00 am – 3:00 pm

Stanley Park Foyer

Speaker Ready Room

8:00 am – 12:00 pm

Chehalis

Staffed during breaks only

8:30 – 9:30 am Flash Talk Breakfast

Organized by the Members in Transition and Training Committee. Light Breakfast Buffet provided.

Chair:

TBA

Location:

Stanley Park 2/3

The Role of CD73 during Influenza A Virus/S. pneumoniae Co-Infection, Alexandra Lenhard, *University at Buffalo #007*

Impact of Sex Hormones and Inflammatory Challenge in Neutrophil Metabolomics, Matthew Kays, *West Virginia University #008* (Presidential Scholars Graduate Student Merit Awardee)

Deficient T Cell Receptors Reduces Activation in Late Memory CD8+ T cells, Ko-Eun Lee, *Vanderbilt University #UG01* (Presidential Scholar Undergraduate Merit Awardee)

Neutrophil Progenitors as a Cell Therapy in Rheumatoid Arthritis, Lillian Levin, *Brown University #LB05*

Medications of Opioid Use Disorder Alter Plasma Metabolic Profiles Associated with HIV Infection and Suppressive ART, Ekaterina Shipilova, *The Wistar Institute of Anatomy and Biology #LB08*

PLA1A Deficiency Mitigates Mannan-Induced Psoriatic Arthritis Via Interferon Pathway Modulation, Helya Mortazavi, *Centre de recherche du CHU de Québec, Université Laval #LB10* (Presidential Scholars Postdoc Merit Awardee)

Sex-Based Differences in Pneumococcal Conjugate Vaccine Efficacy, Anagha Betadpur, *University at Buffalo #009*

Single Cell Sequencing Reveals Pro-inflammatory Immune Regulators in Preterm Birth, Miguel Hernandez-Rios, *University of Florida #010* (Presidential Scholars Postdoc Merit Awardee)

Resistin-like Molecules: Friend or Foe during Influenza?, Jasmine Quah, *University of Wisconsin-Madison #LB01* (Presidential Scholars Graduate Student Merit Awardee)

Alteration of Macrophage Glycocalyx and Function during Legionella pneumophila Infection, Rebecca Heineman, *University of Toronto #LB07*

Impact of Acidosis on Immune Responses in the Intensive Care Unit: A Prospective Observational Study, Felicie Belicard, *INSERM #LB09*

9:30 – 11:00 am Feature III:
Metabolomics - *TOO MUCH*

Chairs:
 LeeAnn Allen & James Lederer

Location:
 Stanley Park 1

9:30 am

Metabolic Changes Required for Monocyte to Macrophage Transition, Edward Pearce, *Johns Hopkins University*

10:00 am

Empowering Immunity: Metabolic Insight into Immune Cell Function, Ramon Klein Geltink, *University of British Columbia*

10:30 am

Regulation of Immunity and Inflammation by the Immunometabolite, Luke O'Neill, *Trinity College*

11:00 am – 11:30 am Member Business Meeting & Award Presentations

Stanley Park 1

Learn about the current status of SLB and JLB and congratulate award winners with the announcement of Presidential Scholars, Excellence in Leukocyte Biology, and onsite flash talk awards.

11:30 am – 12:30 pm Poster Session Lunch III Stanley Park 2/3

Join fellow attendees and browse posters during this final poster session while enjoying lunch.

Lunch provided

Featured Posters:

- **The Role of CD73 during Influenza A Virus/S. pneumoniae Co-Infection**, Alexandra Lenhard, *University at Buffalo* #007
- **Impact of Sex Hormones and Inflammatory Challenge in Neutrophil Metabolomics**, Matthew Kays, *West Virginia University* #008 (Presidential Scholars Graduate Student Merit Awardee)
- **Sex-Based Differences in Pneumococcal Conjugate Vaccine Efficacy**, Anagha Betadpur, *University at Buffalo* #009
- **Single Cell Sequencing Reveals Pro-inflammatory Immune Regulators in Preterm Birth**, Miguel Hernandez-Rios, *University of Florida* #010 (Presidential Scholars Postdoc Merit Awardee)
- **Deficient T Cell Receptors Reduces Activation in Late Memory CD8+ T cells**, Ko-Eun Lee, *Vanderbilt University* #UG01 (Presidential Scholars Undergraduate Student Merit Awardee)
- **Urine Metabolite Markers of Febrile Attacks Due to PFAPA Syndrome**, Nathan Millward, *University of British Columbia* #UG02
- **Resistin-like Molecules: Friend or Foe during Influenza?**, Jasmine Quah, *University of Wisconsin-Madison* #LB01 (Presidential Scholars Graduate Student Merit Awardee)
- **Neutrophil Progenitors as a Cell Therapy in Rheumatoid Arthritis**, Lillian Levin, *Brown University* #LB05
- **Alteration of Macrophage Glycocalyx and Function during Legionella pneumophila Infection**, Rebecca Heineman, *University of Toronto* #LB07
- **Medications of Opioid Use Disorder Alter Plasma Metabolic Profiles Associated with HIV Infection and Suppressive ART**, Ekaterina Shipilova, *The Wistar Institute of Anatomy and Biology* #LB08
- **Impact of Acidosis on Immune Responses in the Intensive Care Unit: A Prospective Observational Study**, Felicie Belicard, *INSERM* #LB09
- **PLA1A Deficiency Mitigates Mannan-Induced Psoriatic Arthritis Via Interferon Pathway Modulation**, Helya Mortazavi, *Centre de recherche du CHU de Québec, Université Laval* #LB10 (Presidential Scholars Postdoc Merit Awardee)

12:30 pm – 2:00 pm Feature IV: Inborn
Errors of Immunity – *TOO LITTLE*

Chairs:

Laura Sly & Vidula Vachharajani

Location:

Stanley Park 1

12:30 pm

**Human Host Factors in Severe
Viral Diseases**, Anne Puel,
INSERM

1:00 pm

**Immune Dysregulation in
Inborn Errors of Immunity**,
Catherine Biggs, *University of
British Columbia*

1:30 pm

**Host-Microbiota Interactions in
Inflammatory Intestinal
Disease**, Gabriel Nunez,
University of Michigan

SLB Council Meeting (Part 2): 3:00 pm - 6:00 pm – Marine (by invitation only)