

OFFICIAL NEWSLETTER OF THE SOCIETY FOR LEUKOCYTE BIOLOGY

iSLB
SOCIETY FOR
LEUKOCYTE
BIOLOGY

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IN THIS ISSUE

Messages from the President and iSLB Editor



Lee-Ann Allen,
SLB President

It has been an honor and a pleasure to be President of SLB for the past two years. As my term comes to a close and I have a chance to reflect, I am once again amazed and impressed by the enthusiasm, dedication and commitment of our members to the Society and all of its missions. 2018 and 2019 have been a time of significant change. Beginning with the partnership with Wiley to publish JLB, which allowed us to launch many new initiatives designed to enhance the visibility and international reach of the Society and the Journal and to enhance programs for career and professional development of members at all levels, and culminating with SLB becoming part of FASEB, positioning us to take advantage of avenues to influence science policy and engage with government leaders at national and local levels, this is a very exciting time. Thus, although it is somewhat bittersweet, I am pleased to pass the reins (and the gavel!) to Nick Lukacs and David Underhill, and look forward to working with them as Past President in 2020 and 2021. I must also thank our Executive Director, Jennifer Holland, whose organizational skills and attention to detail are essential for everything that we do. SLB is a terrific organization and my favorite professional society. It has been a privilege to serve as your President and to have a role in shaping the future of leukocyte biology, and I look forward to seeing you all in Portland next fall.



Michelle Visser,
iSLB Editor

2019 was another busy year for SLB. The annual meeting in Boston was a great success. Once again, this year there were many excellent oral and poster presentations in a variety of research areas; including many highlighted "flash talks" by junior members as well as award winners and an excellent Legacy Keynote Lecture by Dr. Ann Richmond. In addition, the pre-program special interest group sessions, morning workshops and lunchtime sessions were all well-attended! Having the meeting in Boston provided a great opportunity for interactions with leaders from academia and industry and provided an ideal forum for the Speed Networking Career Roundtables session which was a highlight of the meeting. See the summary by Dr. Deborah Fraser of the "Advocating for Your Goals: The Art of Saying No, So You Can Say Yes" workshop.

Look for a link to the the annual meeting slideshow and also read the interview with the 2019 Thorbecke Awardee, Ludivine Doridot. You may also review the other meetings and events that SLB and JLB participated in this year. As an example of the diversity of society involvement, see the story about the Latin American Mucosal Immunology Group meeting in Mexico from the SLB participants.

New initiatives this year by the society were a series of webinars given by Dr. Angelika Hofmann on topics including preparing presentations, manuscript writing and a

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recent session on grant preparation. See the newsletter for a link to the recordings and preview of upcoming sessions.

Don't forget to mark your calendar for the 2020 annual meeting in Portland, Oregon (Sept 30 – Oct 3) and look for further details coming soon online.

As always, thank you to Jen Holland for all her help throughout the year including with the iSLB newsletter. Thank you also to all the SLB members and leadership for another successful year. Best wishes to all for a productive 2020!

An Interview with the 2019 Thorbecke Award Winner

By Kate Martin

This award commemorates the memory of Jeanette Thorbecke, M.D., Ph.D. an internationally recognized immunologist who died on in 2001. During her illustrious career, spanning over five decades, she published more than 400 papers, mentored a plethora of young investigators, and leaves behind a legacy of scientific and personal accomplishments. In honor and memory of Jeanette, the Society for Leukocyte Biology established a special award, the G. Jeanette Thorbecke Award, presented to a deserving early career female investigator. The 2019 recipient is Associate Professor Ludivine Doridot.



Jeanette Thorbecke

Tell us about yourself, where you work and what are you currently investigating?

I am a junior Associate Professor working at Cochin Institute, part of Paris Descartes University. Cochin Institute is a biomedical research institution affiliated with both the French national research organizations (INSERM and CNRS) and the University.

My research is currently focused on better understanding how our infectious past can modify our innate immune cells (trained innate immunity) and consequently, how this can influence pregnancy. It has been well established that innate immune cells at the maternal fetal interface are essential for both fetal immunological tolerance and placental development (and as such, fetal development), but the role of the individual (epigenetic) specificities of these innate immune cells in a harmonious pregnancy have not yet been explored.

What motivated you to start working on this project?

I first started working on pregnancy by chance. One of my Master's Professors offered me an internship in his team which was studying reproductive system diseases, including those related to pregnancy. I got hooked quickly on the subject. I chose to stay in the same team to pursue my PhD, during which I studied preeclampsia, a hypertensive

disease of pregnancy, through the involvement of a transcription factor. At the end of my PhD, I wanted to continue to explore the immunological pathways involved in preeclampsia, but it was time to pursue a new adventure as a post doc researcher. In order to broaden my expertise, I applied to work on a radically different topic at the Beth Israel Deaconess Medical Center (BIDMC) and got the opportunity to work in a great team. I studied the role of a transcription factor in fructose induced metabolic syndrome. This amazing experience helped me learn a lot about diabetes and also computational biology and personalized medicine as well. This multifaceted experience came in handy when I joined my current lab which focuses on trained immunity. I wanted to go back to the subject I am most passionate about: pregnancy.

What are the most essential skills needed to succeed in academia?

Curiosity and resilience are essential qualities needed to succeed in academia. Curiosity is not really a skill, but it is necessary to stay passionate about research. It is that deep desire to understand how the world (and in biology, how a living organism) works that motivates every scientist. Resilience is something we usually build overtime. Indeed, succeeding in academia is a hard and competitive path. Accepting critical reviews and article rejections are part of the job, as well as grant proposal failures and the uncertainty of a future academia position. Not giving up is hard, but if the spark of curiosity stays there, we manage to give our best, for science!

What is the most rewarding aspect of your job?

The most rewarding aspect is the idea that my research will improve the lives of people struggling with pregnancy complication and/or infertility. It is a long road to get there, but I truly believe understanding the fundamental ways our cells work and interact will lead to better treatments for the patient.

Can you describe your typical work week?

My weeks are all different, which I love. Basically, it is divided between staying up to date on the state of the art, designing and performing experiments to answer specific questions tied to my projects, checking technological advances that could be useful for these questions, working on grant proposals, preparing and giving courses to University students, training interns and junior colleagues, participating in collaborative projects, going to seminars on diverse scientific topics to broaden the mind and put what I am doing into perspective. My

areas of activity are broad, so the time I spend on each part varies depending on the week.

What are some of the toughest problems you deal with?

Keeping my resilience. Accepting that some things go very slowly because of regulatory issues. Managing being a scientist, a teacher and a mom (and the pressure I put on myself to be great in all these roles).

How do you manage your work-life balance?

I try to be as efficient as possible when I am at work and to respect decent work hours. Becoming a mom made me more organized, which helps a lot. Prioritizing is key, but I am still working to get better at it. Sometimes, I feel I am managing wonderfully and other times, like I am failing miserably, but I think it is all about accepting that you can do it.

What are some of the advantages and disadvantages of working in France as a researcher?

Advantages: when you get an academic position in France, it's like getting a tenure, it's for life. This makes it easier to focus on research rather than stressing about the next position. It allows you to take part in very long-term projects, which is difficult if you don't know where you will be in 3 years. It makes collaborations easier (as people are less afraid of their ideas being explored by others). The 4-month paid maternity leave is greatly appreciated as well as the free public school from the age of 3.

Disadvantage: less funding to perform research than in major research centres in the US or Asia. Salaries are quite low (less than a post doc position in the US when you first start) and slow to raise.



Ludivine Doridot

What did it mean to you to receive the Award?

It was a great honour especially as I am a newcomer in the immunology field. I hope to

live a full and productive scientific life as Jeanette did, in honour of her memory, and to be able to inspire the new generation of female scientists as she did.

What career advice would you like to share?

Stay true to yourself, enjoy discovering new things, use failure as a step to go higher. Never give up and give your best. Be open to unexpected opportunities that might push you out of your comfort zone. Believe in yourself.

What's in a name? By Deborah Fraser, Diversity, Equity, and Inclusion Committee

Since 2009, the SLB Women and Diversity Committee has been committed to addressing barriers to career advancement faced by leukocyte biologists due to factors like gender or ethnicity. One of the avenues for providing information and resources on these issues has been via a workshop at the annual SLB meetings, where topics such as negotiating, networking and gender bias in science and disease have been discussed. While these subjects can be widely applicable to all, these workshops have been predominately attended by women, in large part due to our name. As we enter a new decade, the Committee remit is evolving to ensure we more closely represent the needs of all our of the scientific community. To this end, we have been renamed the Diversity, Equity and Inclusion Committee (DEI). This title aims to broaden the scope of the Committee, and reflect that barriers to career advancement come from many factors including gender, nationality, ethnicity, age, disability, or sexual orientation. By shifting our focus to promoting and addressing issues in diversity, equity and inclusion, we have the opportunity to reach and appeal to many more members from all backgrounds. This year, we are excited to have two new committee members join us to add their expertise and perspectives to the DEI Committee including Henrique Serezani, *Vanderbilt*, and Xuewei Zhu, *Wake Forest*. They join the rest of the [dedicated committee](#) in planning our DEI Workshop for the 53rd SLB Meeting in Portland, Oregon (September 2020). We hope you will join us for our discussion of the opportunities and challenges in diversity, equity and inclusion in mentoring!

It's ok to say no! By Deborah Fraser, Diversity, Equity, and Inclusion Committee

At the 2019 SLB meeting, the Women and Diversity Committee held a workshop entitled "Advocating for your goals: the art of saying no, so you can say yes". Panelists Dr. Liz Kovacs (University of Colorado Denver), Dr. Julia Bohannon (Vanderbilt University), and Dr. Archana Gopalakrishnan (University of Maryland) started us off with examples from their life where they have had to advocate for their own goals (say no!), and obstacles faced along the way. This led to much discussion from attendees, with panelists facilitating and providing their perspective to specific issues that arose. Getting the perspective of individuals at different career stages (Professor, Assistant Professor and Postdoctoral Fellow) was particularly helpful in relating to the attendees from a variety of backgrounds. The panelists were also highly successful in creating an inviting and open environment which importantly encouraged frank and insightful contributions from participants. As we broke into groups according to career stage, discussions were able to focus on specific individual challenges and suggestions. To end, we reconvened as a group to share our major take home messages, which were summarized by the organizer, and committee chair, Dr. Amanda Brown. Interestingly, the overall theme of this workshop appeared to be that no matter what stage we are in our careers, we all continue to struggle with the art and our choices of what to say no, and yes to.

Key Takeaways from the 2019 Workshop:

- Navigating the line between being assertive and being seen as 'bossy' or 'difficult' is tough but in the end you must never feel bad about advocating for yourself.
- Many times, saying no to something did not have the bad consequences that were feared.
- Even if saying no leads to guilt about lost opportunities or burnt bridges, that's ok too. We have to pick our priorities.
- If you are put on the spot being asked to do something you would like to say no to, try saying "I need a day to think about this". It will give you time to formulate your reply.
- Sometimes the 'no' is coming from someone else (e.g. you shouldn't apply for a certain job/grant) and you should always follow your gut and go for it if you disagree. Getting a second, outside opinion also helps.
- Get a mentor who can advocate for you (with you). Get multiple mentors to help navigate different aspects of your life/career.
- **Pay it forward - be a mentor or advocate for someone at an earlier career stage; a true keystone of the SLB Community!**
- Remember, it's ok to have kids, and to have them be your priority! The NIH grant reviewers that were present all agreed that maternity and/or leave should be freely discussed in Biosketch personal statements.
- When you are the "only one", ie in the minority—you can be overloaded with committee activities that take time away from research; feeling pressure from Deans and how it is important to set priorities in these environments.



Final thoughts from Dr. Amanda Brown, outgoing chair of the Women and Diversity Committee: "Making the choice to advocate in different situations and understanding and perhaps welcoming the feedback that comes with that (which can be negative or positive) and then navigating that while trying as best possible to foster relationship building is important. It is through the back and forth of conversing that we really learn about each other and help one another grow, and importantly, move our shared goals and aspirations forward."

As she finishes her term, we thank Amanda for her many contributions to and hard work for the Women and Diversity Committee, and look forward to working with her in her new role as SLB Councilor.

FASEB Activities in 2019

As a member society supporting the efforts of the Federation of American Societies for Experimental Biology (FASEB), SLB is pleased to share some key accomplishments of the FASEB Science Policy Committee in 2019. See a full report of all FASEB committee accomplishments in 2019, and objectives for 2020 [online](#).



FASEB'S COMMENTS, STATEMENTS, SPECIAL EVENTS & PUBLICATIONS

- NIH OLAW/USDA/FDA draft report, "Reducing Administrative Burden for Researchers: Animal Care and Use in Research" ([link](#))
- NIH Advisory Committee to the Director (ACD) Working Group Report on the Next Generation Researchers Initiative ([link](#))
- NIH processes to enhance agency responsiveness to gender and sexual harassment ([link](#))
- International moratorium on clinical application of germline editing ([link](#))
- Request for Information (RFI) seeking input on the need for an NIH Administrative Data Enclave ([link](#))
- Proposed language in FY 2020 House VA Military Construction Appropriations bill regarding canine research ([link](#))
- Continued support for research with nonhuman primates ([link](#))
- Proposed language in the FY 2020 House LHHS appropriations report restricting NIH researchers' access to nonhuman primate research models ([link](#))
- Trump Administration's Policy Limiting Human Fetal Tissue Research ([link](#))
- Proposed updates to the National Science Foundation's Proposal and Award Policies and Procedures Guide ([link](#))
- The importance of global collaborations in science ([link](#))
- Endorsement of S. 448/H.R. 1194, "The Graduate Student Saving Act of 2019" ([link](#))
- Implementation of the Trump Administration's Human Fetal Tissue Policy ([link](#))
- Environmental Protection Agency directive to prioritize efforts to reduce animal testing ([link](#))
- NIH OLAW/USDA/FDA final report, "Reducing Administrative Burden for Researchers: Animal Care and Use in Research" ([link](#))
- Interim recommendations issued by the NIH ACD Working Group on Changing the Culture to Prevent Sexual Harassment ([link](#))
- Office of Science and Technology Policy RFI seeking input on the U.S. Bioeconomy ([link](#))
- Three-part Virtual FASEB Science Policy Series, "Challenges Facing Women Throughout their Scientific Careers"
- Fact Sheet: Humanized Mouse Models: Using Human Cells to Conquer Disease ([link](#))
- Fact Sheet series highlighting the importance of non-murine animal models in research

ICYMI – [Read the announcement](#) from SLB about the society joining FASEB

SLB Supports Awards Around the World...

- **ECMC** – Christopher Lynch, Njabulo Ngwenyama ([read more](#))
- **IES** – Sharon Grisaru ([read more](#))
- **WCI** – Prarthana Dalal and Devy Deliyanti ([read more](#))
- **NK** – Inigo Terren Martinez and Anais Eberhardt, and onsite Trainee awardees ([read more](#))
- **SBI** – Eloah Suarez, **Jéssica Pereira** and onsite Trainee awardees ([read more](#))
- **SAI** – Laura Chiapello, Ignacio Cebrian and Cinthia Stempin ([read more](#))
- **Melbourne Inflammation Symposium** – Trainee Awardees Narelle Keating and Mohamed Saad ([read more](#))
- **ICIS** – Trainee Awardees Colby Stotesbury and Jason Twohig ([read more](#))
- **Albany Medical College** – Trainee Awardees Carolina Chiale Ferreira and Abhinit Nagar ([read more](#))

SLB Outreach at ABRCMS 2019 Supports Outstanding Trainee Presenters in Immunology

Outreach to early-career trainees, including college students involved in immunology research, was the focus of SLB participation at the 2019 Annual Biomedical Research Conference for Minority Students (ABRCMS) in Anaheim, California, November 13–16.

SLB participation is a new effort to benefit trainee presenters in immunology. This support entailed sponsoring the meeting's presentation awards for immunology. Approximately 4,500 scientific attendees (primarily undergraduate/post-baccalaureate students, graduate students, and postdoctoral trainees) participate annually at ABRCMS, which is designed to foster minority students' pursuit of advanced training in the biomedical sciences and related fields.

Attendees in 2019 presented abstracts in 12 scientific disciplines, including immunology, cell biology, microbiology, developmental biology, and cancer biology. SLB outreach was led by Council member Cherié Butts. "It was a delight to return to ABRCMS in 2019 as an ambassador for SLB and to participate as co-chair of immunology presentations," she said. "I am proud to convey SLB support of immunology presentation awards at ABRCMS".

The following 18 students involved in immunology research were recipients of \$300 oral/poster presentation awards (co-sponsored by SLB and AAI):

- Lea Barros, Hamilton College
- Caroline Carter, University of Texas at Arlington
- Therese Cordero Dumit, Johns Hopkins University
- Steven Lomeli Gonzalez, San Francisco State University
- Mario Grimaldo, Texas A&M University
- Eric Guillen, Albert Einstein College of Medicine
- Adriana Hernandez Santini, University of Puerto Rico Ponce
- Alexandra McLennan, St. Mary's University
- Jose Moran, California State Polytechnic University, Pomona
- Iris Ortega, University of Texas at El Paso
- Yoselin Paucar, Albert Einstein College of Medicine
- Jennifer Paulino, Purchase College
- Dormarie Rivera Rodriguez, University of Puerto Rico Ponce
- Valerie Rodriguez, The Ohio State University Wexner Medical Center
- Bianca Serrano-Torres, Universidad Ana G Mendez-Gurabo
- Stephanie Schreiner, University of Central Florida
- Gustavo Serrano, University of Puerto Rico at Cayey
- Julian Starks, University of Richmond



SLB Webinars

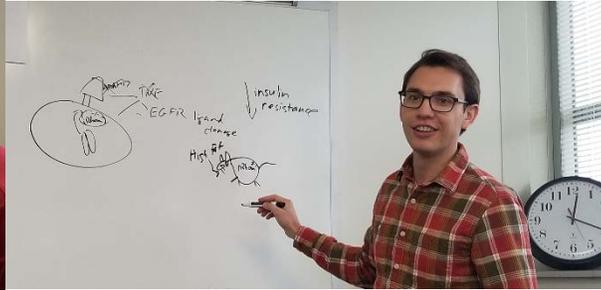
SLB hosted several webinars in 2019 including a professional development series on Scientific Writing, Oral Presentations, and Grant Writing. [See the recordings online](#) and look invitations to join more webinars coming in 2020 including a series on Entrepreneurs in science.



SLB Supports University of Iowa's "Lunch 'n Learn"

In this "Lunch and Learn" at the University of Iowa's Inflammation program, we got to know a more about Joe Skurski's research project, his excellent drawing skills, and we also ate delicious Indian food. We learned how epidermal growth factor receptor (EGFR) ligands secreted by macrophages are upregulated in the adipose tissue of obese humans and how the Maretzky lab is exploring the underlying mechanisms of this finding by studying

iRhom2, a crucial regulator of soluble TNF production and EGFR ligand release. Joe's hypothesis is that diet-induced obesity triggers iRhom2-dependent regulatory responses and consequently mediates adipose tissue inflammation and insulin resistance. iRhom2-deficient mice showed accelerated fat gain on a high-fat diet, accompanied by insulin resistance and reduced locomotor activity. This study elucidated a novel role for iRhom2 as an immuno-metabolic regulator.
– Stephanie Silvia Del Toro



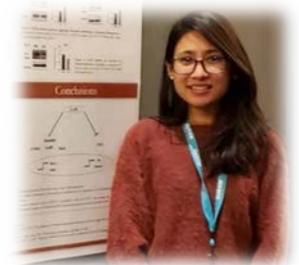
SLB 2019 Awardee Recap

SLB is pleased to be able to support so many meritorious awards at the annual society meeting. Across many career levels, SLB fosters the growth of our members through presentation opportunities and travel support to attend the meeting. Hear what a few 2019 travel awards have to say about their experience in Boston as supported by their award...

Thorsten Maretzky,
University of Iowa



As always, this location was well chosen by the officers of the SLB Society and offered a broad variety of unique interactions to young and established scientists likewise honing their skills and expertise. Overall, this meeting not only offers plenty of opportunities for the young generation of scientists to network with a wide variety of accomplished experts in the field but also recognized students and postdoctoral fellows who showed outstanding commitment and intellectual development in their research careers.



Kisha Pradhan,
Virginia Tech

This was my first SLB conference and I thoroughly enjoyed it. I appreciated the opportunity to attend almost all of the talks in this focused meeting. It was very exciting to see so many researchers working on neutrophils and monocytes. Several of the talks provided me with some ideas that I may incorporate into my own project. I took notes on how attendees presented their work; as a third-year graduate student I am constantly finding ways to improve my own presenting skills. I really enjoyed the workshops and the opportunity to talk to people from academia and government. I also received very good tips on improving my Linked In account!

Learn about the 2019 SLB awardees online and [see a complete slideshow](#) of the meeting that captures the great community and events in Boston.

SLB Participates at the 2019 LAMIG Meeting – 3 perspectives



Attending the 2019 LAMIG-SMI Mucosal Immunology Meeting in Mexico City was a fantastic experience. I was there as part of the SLB-sponsored early career investigator awards to speak at the guest symposium on leukocyte functions in mucosal tissues. First of all, the scientific sessions were all excellent and highlighted the recent advances in mucosal immunology from barrier functions, to vaccines and host-pathogen interactions. These were presented by lead investigators from institutes all across Latin America and some based in the USA as well. This made it a great opportunity for establishing international collaborations, which was made easy by the collegial environment and the networking opportunities during the breaks and lunch sessions that were built in the meeting schedule. I personally go to meet Dr. Charles Parkos, a leader in neutrophil biology, whose work I had closely followed, and whose migration protocols we routinely use in our laboratory, but had not had the chance to meet in person before. I also had the chance to connect with several other neutrophil biologists and had great scientific exchanges with both lead investigators and trainees. What I also really liked about this meeting was the friendly and supportive environment for the trainees. Many of the students and postdoctoral fellows had the opportunity to share their work both in the poster sessions and via short oral presentations. Trainees were supported by more than 20 travel awards to help with the meeting costs, which was impressive. The meeting organizers Dr. Leticia Moreno-Fierros and Dr. Michael Schnoor were both very welcoming. Dr. Schnoor was great at facilitating all the logistics of attending the meeting and made everyone, including myself feel welcome and included. In summary, it was a fantastic meeting that I thoroughly enjoyed, and I encourage everyone, especially young investigators to attend if they get the chance! – **Elsa Bou Ghanem**

Between 4 and 6 September I had the privilege to receive an Early Career Investigator Award and to be speaker on the Mucosal Immunology symposium 2019 in Mexico, promoted by the Latin-American Mucosal Immunology Group (LAMIG) and the Mexican Society for Immunology (SMI), in a session sponsored by Society for Leukocyte Biology. I was truly delighted to contribute to this SLB Guest Symposium, which was an invaluable opportunity to update my knowledge on macrophages and other mucosal myeloid cells in human or animal models, and to apply new and exciting concepts obtained from these leukocytes in my studies on HIV persistence. Together with my colleagues Dr. Chuck Parkos, Dr. Elsa Bou Ghanem and Dr. Ronen Sumagin, who I had also the pleasure to know personally and exchange exciting scientific and friendly discussions, I'm confident that we had provided a wonderful and enriching session for the congress audience. I have learnt a lot from them about neutrophils biology and I envision future contacts and collaborations. The symposium scientific program was also a plus, comprising several aspects of mucosal immunology and counting on magnificent presentations of researchers from different parts of the globe and with different academic backgrounds. Among several excellent talks, I would highlight that of Dr. Zhou Xing from McMaster University, Canada, on innate immune memory macrophages, an exciting topic poorly explored in the context of mucosal immunology. We have also received an excellent support from the organizers, who did a great job in organizing a great scientific and social meeting, crowned with an unforgettable trip to Teotihuacan pyramids. - **Fernando Real**

I was recently invited to speak at the Mucosal Immunology Symposium 2019 that was held on September 4-6th in Mexico City. The symposium was organized by the combined effort of Leticia Moreno-Fierros (UNAM) and Michael Schnoor (Cinvestav) and was supported by the Latin American Mucosal Immunology Group (LAMIG) and the Society of Mexican Immunology (SMI). The meeting has brought together senior investigators and trainees from several Latin American countries, including Mexico, Chile, Brazil, Salvador and Costa Rica as well as from USA, Canada and Europe. All attendees sharing an interest in epithelial biology, pathogenic infections and immunity. The meeting was conducted in a comfortable and non-formal environment and included several high-impact sessions focused on microbiota, host-bacteria interactions, epithelial barrier and leukocyte functions in health and disease. As could be expected, the hosts were warm and welcoming, and every delivered presentation was followed by a great discussion and many questions. Several workshops provided training and career opportunity for the trainees as did the several poster sessions throughout the meeting. Importantly, SLB has partnered with LAMIG and SMI to host and sponsor (through travel awards) a guest session at the meeting named "*Leukocyte functions in mucosal tissues*". The session was chaired by an internationally recognized leader in the field of mucosal immunology, Dr. Charles Parkos, who also opened the session with a talk on a novel role of glycoproteins in neutrophil trafficking in inflamed colonic mucosa. The SLB-session also included presentations from 3 Early Career Investigators, including Elsa Bou Ghanem, University at Buffalo, who spoke on the regulation of neutrophil antimicrobial activity in the inflamed lung, Fernando Real, Inserm, Paris, who elegantly highlighted the role of tissue macrophages in HIV infection, and myself, discussing neutrophil trafficking patterns and novel mechanisms for neutrophil-induced impairment of injury resolution in inflamed colonic mucosa. During this exciting meeting, we heard how commensals, pathogenic bacteria and viruses modulate the immune responses and the epithelial barrier function. We also learned how epithelial junctional complexes and the actin cytoskeleton are assembled and deregulated during inflammation, leukocyte trafficking and viral infections. But not any less important, we had the opportunity to visit the wonderful Mexico City and glimpse the rich culture and ancient history of this place. This, personally, left me wishing for more, and with a thought that I must visit here again and soon. - **Ronen Sumagin**

iSLB

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[Membership](#)

[Meetings](#)

[Administrative Office](#)



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	• Kendle Maslowski
• Amanda Brown	• Derek McKay
• Hector Aguilar Carrero	• Ilhem Messaoudi
• Sara Cherry	• Meera Nair
• Kylie Kavanagh	• Beatriz Leon Ruiz
• Meagan Koch	• Balfour Sartor
• Martin Kriegel	• Fikadu Tafesse
• Doug Kwon	• Raphael Valdivia
• Ping Loke	• Katrine Whiteson

WWW.LEUKOCYTEBIOLOGY.ORG/2020-MEETING

New mailing address for SLB

SLB is keeping with the times! From a number of cloud-based systems to various online communication portals, the society operates by utilizing the latest tools and trends modern technology has to offer. The latest update is the move to a *virtual* office. As a result, please note our new mailing address...

Society for Leukocyte Biology
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Continue to contact SLB anytime via [email](#) and/or phone (301-204-2233).