

The first Publication Committee led JLB issue is out! Read more in this issue of iSLB how the initiative came to be and how you can be a part of future issues.

JLB

OFFICIAL NEWSLETTER OF THE SOCIETY FOR LEUKOCYTE BIOLOGY

iSLB
SOCIETY FOR
LEUKOCYTE
BIOLOGY

Summer 2018
Vol 2

IN THIS ISSUE

President's Message

by Lee-Ann Allen



As spring turns to summer the early bird registration deadline for the upcoming joint meeting of SLB and IEIS is just around the corner (June 26th)! In addition to the

picturesque venue and the exciting main program, there are also three Special Interest Group Satellites that will be held in the afternoon on Saturday October 13th: Enabling Technologies for Leukocyte Research (organized by Daniel Irimina), Microbiome, Mucosal Immunology and Aging (organized by Rebeca Fuldner and Alan Landay), and Emerging Concepts in NLR Sensing and Signaling (organized by Coy Allen and Ed Miao). As space for the satellites is limited, please sign up soon if you are interested. I also strongly encourage folks to apply for one or more of the many awards that are sponsored SLB or JLB and are available to scientists at multiple levels. The overall objective of these awards is to foster participation in the Society while promoting excellence and diversity in research. Complete information is available on the website and only a few highlights will be provided here. Travel awards are perhaps the most popular, and these funds partially defray the cost of meeting attendance by students, postdocs and new junior faculty. Presidential Awards are available in two categories: students and postdocs/junior faculty, and finalists in each category compete for these awards via oral presentations of their research in a special session at the conference. The G. Jeanette

Thorbecke award recognizes outstanding achievement by a female investigator who has held a faculty position for no more than 5 years, whereas the Dolph O. Adams award recognizes excellence of a mid-career investigator for studies of cellular and molecular mechanisms of host defense and inflammation.

In addition, three new awards will be offered for the first time in 2018. Active SLB members who have just begun independent positions can apply for a First Year Lab Travel Award. Second, the Researchers from Developing Nations Travel Award is designed to support meeting attendance by a student/junior author and his/her mentor, who are residents and citizens of an economically disadvantaged nation. Finally, the Mentoring Diversity Travel Award provides funds for up to three underrepresented undergraduate, PhD-graduate students or postdoctoral fellows who are first authors of an abstract that will be presented at the meeting. Please see the website for additional award details as well as links to the full program, registration and abstract submission.

Overall, SLB continues to be on a strong financial position. In keeping with this, several efforts are underway to further grow SLB membership, to promote publication in JLB, and to further expand opportunities for member engagement and career advancement. In addition to the new awards noted above, at least 8 new junior SLB members and one mentor have been recruited via the recently implemented Trainee Certificate Program. The scientific

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achievements of current SLB members have also been highlighted in SLB-sponsored guest symposia at other conferences, including the recent American Association for Immunologists (AAI) and the Latin American Association of Immunology (ALAI) meetings that were held recently in Texas and in Cancun, respectively. These sessions were well attended, and I am grateful to Bob Clark, Larry Schlesinger, Michael Schnoor and Lou Justement who helped to make these symposia a success!

Many thanks also to Juhi Bagaitkar for spearheading a partnership between SLB and the National Research Mentoring Network (NRMN) that will provide opportunities for mentors and mentees at many levels and will allow us to take advantage of the many resources of this organization. Detailed information about NRMN is provided elsewhere in this newsletter.

That's all for now. Hope to see you soon in Arizona!

Editors' Message

by Vijaya Iragavarapu, Amanda Brown, Irina Miralda, and Katherine Martin

The summer issue of iSLB finds the society and journal busy with many activities. Hopefully everyone has the fall meeting on their calendars and planning to submit an abstract and apply for one of the many awards SLB provides to support our members. JLB is busy with several meeting focus issues and we welcome two new team members, Michael Cancro and Melanie Scott whom you can learn more about in this issue. June is a big month also for JLB as the first Publication Committee led issue has been released. You can learn more about that issue and find a teaser for the next topical issue in this newsletter.



We honor recent awardees including 2 new Honorary Lifetime members, Elizabeth Kovacs and Bill Nauseef. Both Liz and Bill have been and continue to be tremendous contributors to SLB and we are lucky to have them in our community. The 2019 Legacy Lecturer has also been named as you'll learn in this issue. Also, in this issue you will get to meet several of our new Trainee Awardees along with highlights our AAI and ALA/AMI session speakers share regarding their experiences.

SLB is a proud partner with NRMN (National Research Mentoring Network) and we hope our members will find topics of interest in the current survey planning a partnership webinar series.

Importantly in this issue, you can learn more about the candidates for the coming SLB elections. SLB is your society and voting for leadership is a key component of how the SLB community works – look for the invitation to vote coming July 31st and cast your vote.

This is a full issue and we hope you enjoy learning more about SLB activities. We are a busy group and always open to new ideas from our members. Contact [Jen Holland](#) anytime to launch your



next great idea with SLB. There are always opportunities including my position as Senior iSLB editor – if you'd like to get involved, [email](#) anytime! Lastly, we all know how quickly time flies so put the 2019 meeting dates on your calendars for next year, November 15-18, 2019 in Boston, MA for a great meeting being planned by Cherie Butts and Silvia Uriarte.



SLB current and past Presidents Lee-Ann Allen and Bob Clark enjoy their just "desserts" after a full day of talking SLB business.

SLB Spring Council

Council meets twice annually to discuss society business and carryout initiatives to benefit members.

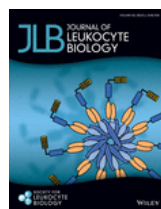
Be a part of JLB!

The next issue will be on
**Intracellular Danger
Sensors Fueling
Inflammation and
Autoimmunity.**

Look for the call for submissions

Negative Regulators of Immune System Signaling Pathways

by Coy Allen



Inflammation is a complex biological process that is tightly regulated. While robust immune system activation is required to properly respond to threats, such as pathogen invasion and tissues damage, uncontrolled inflammation can result in extensive collateral damage. Indeed, unchecked and overzealous inflammation is a causative factor in a diverse range of auto-inflammatory, hyper-inflammatory, and neoplastic diseases. There is an extensive body of literature surrounding the initiation and promotion of inflammation.

However, significantly less understood are the mechanisms associated with inflammation resolution and the attenuation of immune system hyper-activation. These are currently areas of intense investigation. To begin to

address this critical gap in knowledge, JLB will be publishing a special issue entitled "Negative Regulators of Immune System Signaling Pathways" this month. This issue highlights negative regulatory mechanisms for a diverse range of critical immune system signaling pathways, including interferon, cytokine and chemokine, NF- κ B, and pattern recognition receptor signaling. The focus of this issue is associated with host intrinsic factors, rather than exogenous factors (i.e. drug modulation). The issue features outstanding reviews focused on mechanisms associated with intracellular enzyme function, protein degradation, post-translational modification, miRNA, and lipid mediator attenuation of immune system activation. The special edition features a wonderful mix of thematic reviews by leading experts in the field, including Dr. Bruce Levy, Dr. Shashi Bala, Dr. Dong-er Zhang, and myself. Additional review and research articles outline the most recent findings in this highly dynamic field of research. We believe that this special issue will stimulate new interest in this area of study and will be of high relevance to the readership of JLB.



Pub Comm's new initiative

The SLB Publication Committee began in 2017 with a new idea of creating JLB issues by members, for members. Led by Mark Wallet, the team collected suggestions from the membership and it was Coy Allen's topic that was chosen for the inaugural issue. With great interest and success, the committee is now undertaking their second issue on *Intracellular Danger Sensors Fueling Inflammation and Autoimmunity* and planning for future topical issues to best serve our members, authors, and readers.

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SLB 2018 Elections

Voting opens July 31st. Members will be sent an invitation. Prepare by learning about each candidate and their term goals.

[learn more](#)

Michael Schnoor



Michael's research interest is the recruitment of leukocytes to sites of inflammation, and therefore he has been an active member of SLB for many years. He has been and continues to be

intrigued by the many membership benefits and the great opportunities that SLB provides to network with peers and to broaden horizons in leukocyte biology. Michael is a member of SLB's membership committee, and as such intends to continue his longstanding efforts to advertise SLB and increase the number of members for the society. Another focus as a Councilor Michael has will be to listen to suggestions from the membership and translate those into decisions made by the council for the society. As a tri-lingual scientist who has worked in three different scientific system (Germany, USA and Mexico), he is especially interested in the international affairs of the society; and to increase international awareness of the society's activities.

Vijaya Iragavarapu-Charyulu



As an educator and researcher for over twenty years, she has been lucky enough to convey her passion for cellular biology and immunology to a wide-ranging audience. The SLB has played a pivotal role in establishing networks that have enabled her to do this. She has had the honor

of serving in various roles in the society. SLB gave her the opportunities to serve in leadership roles. As Chair of Women and Diversity, she understood the concerns and problems facing minorities. As Editor of ISLB Newsletter, she understood the mechanics of putting together a newsletter. And as a member of the Publication Committee, she was able to understand the issues associated with publishing a successful journal. If elected as councilor, her experiences in these various roles will assist her in achieving the goals of the society.

Cherié Butts



Having held research and non-research positions in academia, government, and industry, Cherié appreciates what each offers and sees tremendous opportunity partnering across sectors to propel science forward. To

demonstrate this, she co-organized (with an academic scientist) a drug development conference for early-career scientists and clinicians from academia. The goal being to introduce participants to roles within biopharma and government that are critical for developing medicines and highlight how academia contributes to the process. Cherié plans to incorporate similar aspects into the 2019 SLB meeting as co-organizer. As a member of the SLB Council, she would focus on emphasizing the wide array of scientific career opportunities; business aspects of science; and more creative funding approaches as outlined in the following –

- 1) Developing entrepreneurial scientists who think about research for publishing but also for patenting and licensing;
- 2) Exposing scientists to opportunities beyond academia in expanding our definition of what it means to have a successful scientific career; and
- 3) Develop more decision-makers, which is not only acquisition of leadership skills

but also increasing the pool of scientists who want to make significant positive change in how science is conducted and how scientists conduct themselves.

Cherié believes it is important to foster innovative approaches to conducting and funding research and that SLB provides the perfect environment to do so.

Domenico Mavilio



Prof. Mavilio has served as associate and now deputy editor for JLB. He is a member of the Italian Society of Immunology, the faculties of Humanitas Research Hospital

and Milan University. His affiliations to national/international scientific societies and clinical institutions are key among his skills including i) creating collaborative and synergic research projects of translational medicine and ii) implementing networks between scientific communities to better disseminate biomedical research and educate new generations of scientists.

Within JLB, in addition to peer-review duties, Prof. Mavilio organizes initiatives of science dissemination and training of young investigators such as serving as chairman of a translational immunology meeting in Italy. In addition, he has organized large clusters of papers from JLB meeting editions. This helps spread the highlights of these meetings and creates interactions between SLB and European scientific networks/societies. In 2019 he will host an SLB session on auto-inflammatory disease and a new cluster of papers at a meeting in Milan, Italy.

Prof. Mavilio's goal is to implement the above as an official member of SLB council. As a scientist in Italy, he aims to increase the existing synergies of SLB within Europe and expand these interactions in Eastern Europe and Asia. He hopes to work within SLB to organize summer schools of immunology/translational medicine/cellular biology to bring together young scientists, whose professional careers could be boosted by SLB through awards and publication opportunities and support in seeking research funding. This project will create a generation of SLB-associated scientists that will help the growth of our society.

If selected, Prof. Mavilio will use his best skills for enlarging the SLB community and its positive influence on the international scientific community.

For the Office of Councilor (2019-2022 term)

2 positions

[Click on each candidate to read their full bio and statement](#)

For the Office of Associate Councilor (2019-2020 term)

1 position

[Click on each candidate to learn more](#)

Darren Lee



Darren has been a member of SLB since 2013 and attended every meeting since then. From his first SLB meeting Darren has established

collaborations and networked amongst immunologists from all around the world. He immediately joined the website committee and assisted with the organization of the new website in 2014. As Chair of the website committee he was able to encourage the implementation of Whova, the conference app, and accomplish another redesign of the website, so understands the importance for SLB to have a virtual presence and how to lobby for the implementation of new technologies. He has also had the opportunity as a Program co-chair of the 2018 meeting to plan and organize the annual meeting in Chandler, Arizona, so understands the mechanics of putting together a meeting. As an Associate Councilor for SLB he would like to accomplish several goals. First, to help with the continued growth of SLB membership and meeting attendance. Second, to expand his knowledge about the decision-making process that goes into SLB. Finally, he would like to assist in promoting the Society at local, national, and international levels.

Juhi Bagaitkar



Juhi has been a member of SLB since 2008. Along with the support of Drs. Silvia Uriarte and Bruce Levy, she co-founded and was the Chair of the Members in

Transition and Training (MTTG) group within SLB until 2017. MTTG has successfully organized various mentorship sessions/workshops at the SLB annual meetings, including the popular poster flash talks. In the last few months, along with Jennifer Holland, Juhi successfully initiated a partnership with the National Research Mentoring Network (NRMN) and is the SLB liaison for this venture. Her work within the society so far has focused on initiatives that create opportunities and programs for the junior members of the society to transition into independent careers. The Society has played a huge role in furthering the career of Dr. Bagaitkar, and she would like to continue to serve the society in its various initiatives in the position of SLB Associate Councilor.

Lunch-n-Learn: A Step-By-Step Plan to Engage Students in Leukocyte Biology

by Coy Allen

At Virginia Tech, the summer is a highly productive time for research. However, over the years I have found that the faculty, graduate students, and undergraduate students working on campus during the Summer semesters do not have the same levels of peer engagement opportunities often available during the Fall and Spring semesters. In an effort to encourage students to continue

the intellectual rapport that defines the typical academic year throughout the summer, we started a Summer Immunology Journal Club with the help of the Society for Leukocyte Biology's "Lunch-n-Learn" Program (formally called "Pizza-n-Pubs"). Our Summer Immunology Journal Club was started 3 years ago and meets 3 times per summer. Each year we have continued to grow and, thus far, participation has surpassed our wildest goals. Each meeting has been attended by an average of 20 students and post-docs, with multiple faculty members from Departments across campus also participating. Over the years, we have discovered a few "pearls of wisdom" to pass on to those that may be considering starting their own Lunch-n-Learn program:

1. **Build it and They Will Come:** To be eligible for the Lunch-n-Learn Program, you will need 2 current regular members to agree to host the journal discussion groups and one new student or postdoc will need to join the society as a trainee. This need not be daunting. Interested members can find current members at their institution by contacting the Society. Likewise, the student/postdoc membership costs are quite reasonable (\$20-\$25). I recommend having an internal laboratory competition (i.e. bakeoff, footrace, or costume contest) and reward the winner with a membership. In our laboratory, the new member is the first to present and helps organize the Journal Club meetings.
2. **The More the Merrier:** Once the program requirements are met, we recommend launching an aggressive marketing campaign across your campus. No one will participate if they do not know about the program. Reserve space in the same



Lunch n' Learn con't

location, at the same time of day. We found that lunch time on Friday has the best attendance. We have found a mixed marketing campaign also works best. Post fliers in visible locations, advertise on University and Departmental listservs, blanket social media, send individual and personal email notifications to potentially interested students, add slides to guest lectures and contact potentially interested faculty members. The key is to be strategic in your advertising and be clear that there will be both awesome science, great fun, and food!

3. **Know Your Audience and Choose Wisely:** The selection of papers to discuss is critical. For each meeting we suggest letting participating faculty members choose a selection of papers and then let the trainees vote to select the final 3-4 papers for discussion. We suggest including a diverse selection of immunology focused manuscripts. We further recommend discussing at least one manuscript from the Journal of Leukocyte Biology to introduce the participants to the high quality research published in the Society sponsored journal. We also found that research incorporating interdisciplinary methodology were the most enlightening, especially when we invited an expert in the technology to join our meetings, and in multiple cases this generated new collaborations.
4. **Spread the Love:** Having multiple faculty participate is critical for success. While it is fine for a single faculty member or pair of faculty members to manage the program, it is critical for multiple laboratories to lead the paper discussions and be involved in the choice of manuscript. This keeps the content fresh and promotes a more inclusive, dynamic meeting.
5. **Graduate Students, Post-Docs, and even Faculty Members Seem to Be Driven by Their Most Basic Survival Instincts:** While everyone involved in a journal club program will appreciate the intellectual rapport and scientific discussions, a near

universal truth in academia is that good food will significantly increase participation. We have found that \$200 is a perfect amount for 2-3 meetings, with strategically planned menus. We typically order a main course (i.e. pizzas or subs) and complement this with snacks and produce purchased from a local grocery store. Coffee and Tea are a must and can typically be raided from administration offices. Leftovers are always scavenged and will vanish by the end of the day.

6. **Have Fun!** This is of course this is the most important pearl of wisdom. Lunch-n-Learn has been a highly rewarding endeavor for our immunology team at Virginia Tech and I highly recommend SLB members take part!

MTTG 2018 Workshop: State of the Art High Resolution Imaging Modalities

Sunday, October 14, 2018
Sponsored in part by the
Histochemical Society

by Stephania Libreros

The Members in Transition and Training Group (MTTG) is delighted to announce that we will be hosting our annual session highlighting **"State-of-the-Art High-Resolution Imaging Modalities"** at the upcoming annual meeting in Chandler, Arizona on Sunday October 10, 2018. This session will be a great platform for gaining insights on the emerging cutting-edge imaging techniques to study single cell/molecule interactions in living tissues and cells. Our distinguished speakers will be Dr. Daniel R. Saban and Dr. Margarita M Barroso, representing academia, and from industry, Robert Moody at GE Healthcare. This session will take place over lunch with plenty of opportunities for open panel discussion and interactions with senior scientist. In addition, we are ecstatic to receive the support of Histochemical Society to sponsor this session.

Dr. Daniel R. Saban, Ph.D., is a Professor of Ophthalmology and Immunology at Duke University School of Medicine. His lab studies myeloid cells in biology and pathobiology, particularly in the context of the mammalian visual system. Recent work from his lab using transgenic mice and



including intravital microscopy demonstrated a direct role for classical dendritic cells in the initiation of mucosal scarring in the eye (Ahadome et al, *JCI Insight*. 2016). His lab is also working to better understand the function of macrophage-nerve interactions in the eye (Reyes et al, *Nat Rev Immunol*. 2017). Dr. Saban's talk will focus on **"Two to Tango: Imaging and scRNA-seq to study niche-related macrophage heterogeneity"**.

Dr. Margarita M Barroso, Ph.D. is an Associate Professor at the Department of Molecular and Cellular Physiology, Albany Medical College in Albany, NY. She received her Ph.D. in Genetics from the University of Lisbon/Gulbenkian Institute of Sciences in Portugal and was a post-doctoral fellow at the Department of Molecular Biology, Princeton University. Dr. Barroso's diverse expertise integrates basic cell biology with methodological advances in imaging technology to position her group as a major force in the visualization, quantitation and identification of the mechanisms underlying the regulation of receptor-mediated endocytic pathway in a wide variety of cell types, including cancer cells and macrophages. Dr. Barroso is currently the President the Histochemical Society. Her talk title is **"Multiscale imaging: from super-resolution to optical imaging"**.



In addition, we will be hosting our annual **"Poster Flash Talks"** session. This scientific session is extremely constructive for trainees, as it gives junior members an opportunity to present their work in a 5 min, well organized PowerPoint format and receive feedback on their projects.

MTTG Workshop con't

Pre-register for these sessions and say hello to your friendly MTTG representatives at our MTTG information table to hear about all the exciting activities we have planned over the next year. Even better, join MTTG, we need young enthusiastic trainees like you and your active participation in the Society to make the group more resourceful for all of us. Stay connected by following us on the [SLB website](#) and on LinkedIn.

The Histochemical Society



The Histochemical Society is an organization of scientists sharing a passion for the development and use of visual

techniques that provide biochemical and molecular information about the structure and function of cells, tissues and organs and for the dissemination of this knowledge through education and outreach. The Society fulfills its mission through publishing its Journal, the *Journal of Histochemistry and Cytochemistry*, and through annual meetings and short courses. HCS has a robust awards program that includes many travel award opportunities and grants for scientists and trainees at all levels. HCS is pleased to be partnering with SLB on this event.

UPDATED JLB AUTHOR GUIDELINES

Featuring a new quick-reference table to make it easier to submit your next manuscript. [Review the guidelines](#) and submit today!

JLB JOURNAL OF
LEUKOCYTE
BIOLOGY

Welcome to the new JLB team members!

Melanie J Scott MD PhD, JLB Associate Editor



I am excited to be appointed as an Associate Editor for the Journal of Leukocyte Biology, and I'm looking forward to helping the journal continue to grow, while keeping it relevant for SLB members. I am currently an Associate Professor of Surgery at the University of Pittsburgh, and I have been an active member of SLB for quite a few years now, including serving on the Website committee as a member and as chair. I run my own R01-funded research lab investigating the role of inflammasomes and inflammatory caspases in pathogenesis of hemorrhagic shock, trauma and sepsis, and have published multiple papers in JLB over the years. I am particularly excited to be starting to work with JLB at a time when we can really try to make the most of the resources available through the new publisher, Wiley, to improve the journal for members, keep it relevant and focused on innovative science, and help expand the scope and reach of the journal within the field. I am very much looking forward to working with Michael Cancro, the new Deputy Editor for Reviews, who has a wealth of experience as a deputy editor of society journals, and from whom I'm already learning a lot! We will be working closely to commission exciting review articles that continue to address timely topics, and to help improve outreach to members through social media and other communications platforms.

Michael Cancro PhD, Deputy Editor for Reviews



I am honored and excited to be appointed Deputy Editor for Reviews at JLB and look forward to working with the JLB team. I'd like to take this opportunity to briefly introduce myself, remark on why I am so enthused about this role and provide a preview of how I hope to maintain, and strengthen, the reviews section at JLB. I trained in cancer biology and cellular immunology under the tutelage of Drs. Michael Potter (NCI) and Norman Klinman (PENN) respectively. My own research program focuses on questions in B lymphocyte development, selection, and regulation. Throughout my 45 years as a practicing scientist, the importance of thoughtful, forward-thinking review articles has always been evident. However, in this age of exponentially expanding published information, reviews are more important than ever, condensing large corpora of work and thought into a manageable and cohesive framework. Well written reviews help trainees and seasoned investigators alike to keep abreast of developing areas, think about original ideas, and make new conceptual connections to their own work. In this spirit, I hope to sustain and amplify the strengths of JLB's review sections. We will continue to invite reviews in timely topical areas, and to consider author-initiated review articles submitted through the website. In addition, we hope to dovetail with expanded social media tools (see Melanie Scott's introduction), and leverage publishing analytics provided by our partners at Wiley to help identify emerging areas of broad interest. These powerful new tools notwithstanding, nothing beats the opinion and advice of colleagues. Thus, I would urge all of our readers to participate in this effort, not only by regularly visiting the review section, but by proactively suggesting topical areas (including their own!) for potential invitation and inclusion in upcoming volumes. Members should feel free to [email me](#) anytime.

SLB Hosted Sessions

SLB is pleased to offer our members opportunities to present at other meetings. Read about the experience of our SLB speakers at AAI and ALAI/SMI this year. If you are interested in hosting a session at another meeting in 2019, [contact us](#) with your proposal.

AAI 2018

"It was a pleasure to participate in the 2018 Society for

Leukocyte Biology Session at IMMUNOLOGY 2018 in Austin. All three of my co-speakers presented high-caliber work, making my and the audiences time well-spent. Importantly It was very gratifying to see strong attendance for all of the talks and most importantly an interactive audience with lively discussion led by the session chairs, Bob Clark and Larry Schlesinger. I'll certainly be looking forward to future "in-meeting" sessions and full SLB meetings! ----- [Mark B. Headley, PhD](#)

It was a great honor to be selected by the Society for Leukocyte Biology to present my research at Immunology 2018. I received insightful comments and questions that I hope will improve the quality of my research directions. Additionally, I enjoyed the opportunities while in Austin for conversations and advice about my science, reconnecting with past colleagues, and making new acquaintances. Thank you so much for supporting me! ----- [Ty Troutman](#)

ALAI/SMI 2018

I want to thank SLB for the opportunity to attend the ALAI/SMI 2018 SLB symposium on leukocyte trafficking. It was a terrific session with very interesting presentations and resulting discussion. The presentations represented well the breadth of the migration field, from the impact of circadian rhythm on leukocyte migration at homeostasis to the effect of a B-cell derived peptide on T cell trafficking in autoimmune disease. The audience was clearly engaged, and I enjoyed taking part in the symposium. I appreciate the opportunity to share our work on transcriptional regulation of eosinophil functional responses – it was a great experience. ----- [Patricia C. Fulkerson, MD, PhD](#)

SLB is an avid support of Early Career Researchers (ECRs), offering us the opportunity to be selected as Invited Speakers for a SLB hosted session at a range of major

International Meetings. ALAI-SMI 2018 was just such an event for me. The joint Congress of the Latin American Association of Immunology (ALAI) and Mexican Society of Immunology (SMI) was a 4 day meeting held in a hotel-resort located in Cancun right on the Yucatan Peninsula bordering the Caribbean Sea, which was clearly visible from the Conference Centre.

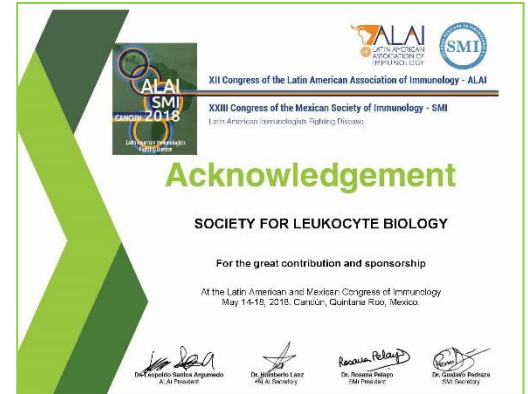
Keen to be invited to speak at a major immunology meeting, I submitted an application back in 2017 describing my research in emerging topics in immune cell trafficking and was successfully selected to present at ALAI-SMI and also act as co-chair (a first for me) for the SLB session. This was a fantastic experience for me. Our SLB session was well attended, with 4 fabulously interesting and exciting talks on understanding eosinophil-lineage commitment, effects of circadian rhythm on leukocyte trafficking, novel therapies targeting T-cell trafficking, modelling neutrophil migration using microfluidic platforms, which led to stimulating post-talk Q&A for all speakers and much social media interest.

With my job done it was then time to enjoy the rest of the conference: some highlights include Paul Frenette's seminar on microbiome in neutrophil ageing and sickle cell disease, Pilar Alcaide's lecture on T-cell trafficking in heart failure and regulation of fibroblast biology; Gabriel Victora's presentation on cellular lipstick to track T-cell-DC interactions (very cool!) and Ido Amit's plenary session on using single cell genomics in Alzheimer's Disease to understand how brain stromal cells influence leukocyte functions.



of a traditional Mexican scene as a thank-you gift – an original and lovely idea.

Thank you SLB for supporting me in this adventure. I am really looking forward to the SLBs next visit to Europe, and attending with my new team as part of their scientific and career development. ----- [Helen McGettrick](#)



2018 Lifetime Honorary Members

Elizabeth J. Kovacs



Dr. Elizabeth J. Kovacs received a BA in Biology from Reed College in 1978 and a PhD in Cell Biology from the University of Vermont in 1984. She was a postdoctoral trainee at the National Institutes of Health (NIH) in the Biological Response Modifiers Program prior to joining the faculty in the Department of Cell Biology, Neurobiology and Anatomy at Loyola University Chicago in 1987. At Loyola, Dr. Kovacs moved through the ranks to full professor and joined the Department of Surgery as Vice-Chair of Research. She was the Director of the Alcohol Research Program and the Director of Research of the Burn and Shock Trauma Institute before relocating her laboratory to the University of Colorado Denver Anschutz Medical Campus in 2016. She is now Professor of Surgery, Director of Burn Research and Director of the Alcohol Research Program.

Dr. Kovacs was the recipient of the first Senior Scientist Award at Loyola University Medical Center and a fellow in the Executive Leadership in Academic Medicine (ELAM) Program for Women, Drexel University, Philadelphia, PA. She was President of the Society for Leukocyte Biology and served as the Chair of the Committee on Public Affairs for the American Association of Immunologists serving. She is currently President Elect of the Shock Society.

Research in the Kovacs laboratory centers on innate immunity and inflammation. Most recently, her laboratory has been studying tissue injury and repair in patients and in clinically relevant animal models. The focus has been on the role of leukocytes and inflammatory mediators in the blood and lungs of burn patients with inhalation injury, smokers, drinkers and lung transplant recipients. While the lungs remain Dr. Kovacs' favorite inflatable organ, her lab has also worked extensively on the skin, intestine and liver in models of injury. Much of this work includes "second hits," such as alcohol intoxication and infection, along with advanced age. Working on end-organ damage, the lab is establishing the role of the gut-liver axis in lung inflammation after remote injury.

To fund her research, Dr. Kovacs has received numerous grants from NIH, the Department of Defense, the Dr. Ralph and Marian C. Falk Medical Research Trust, Margaret A. Baima Endowment Fund for Alcohol Research and a series of Illinois Excellence in Academic Medicine Grants. She continues to serve on NIH and other grant review panels and is on several editorial boards. Her laboratory has published ~250 manuscripts and review articles and is internationally recognized for her work in both alcohol & immunity and aging & inflammation.

In spite of these feats, Dr. Kovacs believes that by far her greatest accomplishment is her daughter, Cathy Kelley, and after that being responsible for the training of more than 125 individuals ranging from high school students to visiting professors, and mentoring countless junior faculty.

William M. Nauseef

Over the past ~ four decades, work in the Nauseef lab has focused its efforts on elucidating features of the cell and molecular biology of human neutrophils within the context of neutrophil-mediated antimicrobial action. As an Infectious Diseases fellow at Yale, he initiated two projects -- one to probe the mechanisms underpinning and regulating the neutrophil NADPH oxidase and the other to determine the basis of hereditary myeloperoxidase deficiency -- and these two themes have endured throughout his academic career. Along with Bob Clark, he discovered the NADPH oxidase cytosolic proteins p47^{phox} and p67^{phox}, described features of the translocation of those proteins to flavocytochrome b and the subsequent assembly of a functional oxidase, and characterized aspects and consequences of phosphorylation of p47^{phox}. He identified steps in the biosynthesis of normal myeloperoxidase by human myeloid precursors and applied those observations to determine how the specific missense mutations that he identified in patients with hereditary myeloperoxidase deficiency compromised normal myeloperoxidase production. He applied many of these principles to study the biosynthesis of two other heme proteins, NOX3 and NOX 2. Recently, he has focused his attention on how the phagocytosis of *Staphylococcus aureus* dictates the fate of human neutrophils. Through these latter studies he has identified a previously unrecognized programmed cell death pathway that culminates in lysis of neutrophils, although the underlying mechanisms are currently unknown. From the very beginning of his career, Nauseef has been fortunate to have generous, thoughtful, and supportive colleagues as guides and sources of critical advice. Noteworthy among the many are Harry Malech and Dick Root, from the early days at Yale, and Bob Clark, who remains a mentor even now.

Dr. Nauseef has published more than 200 peer-reviewed articles and invited manuscripts and book chapters, has co-edited a book and co-written a laboratory manual. His laboratory has been supported by funding from the NIH, VA or both since 1984, as well as extramural support from other sources. He continues his clinical practice as a member of the Division of Infectious Diseases at the University of Iowa and is a member both of the American Society for Clinical Investigation (ASCI) and the Association of American Physicians (AAP). Dr. Nauseef has enjoyed a long and joyful relationship with SLB and the *Journal of Leukocyte Biology (JLB)*, most notably as President of SLB from 2010 to 2012 and currently as a Deputy Editor for *JLB*. Nauseef was honored by the Society for Leukocyte Biology with the Bonazinga Award (now SLB Legacy Award) in 2016.



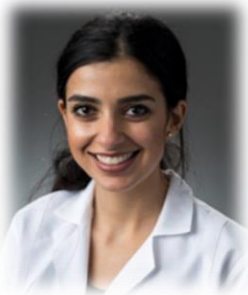
2019 LEGACY LECTURE AWARDEE ANNOUNCED

SLB is pleased to announce that Ann Richmond has been named the 2019 Legacy Lecture Awardee. Check back for more details and learn about Ann in the fall issue of iSLB. Mark your calendars now to see her speak in 2019; November 15-18, 2019, Boston, MA at SLB 2019.



JLB at Natural Immunity 2018

JLB was happy to participate in the recent Natural Immunity 2018 meeting held in San Antonio, TX. JLB representatives, Domenico Mavilio and Alan Landay meet attendees at the JLB hosted table and educated them on the opportunities to participate in the JLB Special Focus issue highlighting articles from the meeting. JLB also sponsored two travel awardees including an award for Rana Nikzad, Baylor College of Medicine and Lauren Truitt, NIH. Learn more about the awardees' experience below. If you are involved in a meeting that might be a good fit for SLB and JLB participation, [email us](#).



Thanks to the travel award I received from the Journal of Leukocyte Biology, I had the privilege to attend the 17th Meeting of the Society for Natural Immunity in San Antonio this year. This meeting had an exceptional line up of speakers from all over the world presenting novel data revolving around Natural Killer cells. One of the most memorable part about attending this conference was having the opportunity to meet the scientists behind all the research I have read about during the course of my graduate career. The natural killer cell field is quite small and so often I read papers coming out of the same lab, this meeting gave me the chance to give faces to the names I have come to know so well. Not only was this my first Society for Natural Immunity meeting, but it was also the first time I presented a poster at a conference. The feedback I received about my research and poster from the experts of the field were extremely valuable. They not only gave me ideas for future experiments and confidence in the work I have done, but also gave me valuable advice on how I can improve my presentation, as well as my poster appearance, for future conferences. I walked out of this week-long meeting with new

friends, new ideas for experiments, and excitement for the direction that natural killer cell research is going. I am looking forward to attending the conference in Luxembourg next year! ----- [Rana Nikzad](#)

My time at the Natural Immunity Meeting was both exhilarating and informative. As someone relatively new to the field, it was an absolute honor to be able to attend, share my research, and meet those whose works I have emulated. I attended with my Principle Investigator, Cindy Dunbar, and Staff Scientist, Joy Wu. The week was filled with informative lectures and lively poster sessions in my home state of Texas. I was particularly excited to bring my academic passions to my home. The organizers did a fantastic job of balancing multiple subsections of the NK field. As someone who is less familiar with NK cells' roles in the context of cancer, I was particularly enthralled by these talks. Additionally, we were able to network with incredible individuals who may become valuable collaborators. I highly recommend the meeting to anyone who is able to attend, and I greatly appreciate the opportunity to participate. ----- [Lauren Truitt](#)



Welcome to our new Trainee Awardee Members

SLB Ambassadors everywhere are seeking out talented young researchers and introducing them to SLB and JLB through the Trainee Award program. Below are our newest inductees. If you are interested in being an SLB Ambassador, [contacts us](#) today!

Monirul Islam, Aichi Medical University



Currently I am working as a PhD student at Emergency and Critical Care Medicine department of Aichi Medical University, Nagakute, Japan. My present research area includes effect of toxic metals/nanoparticles on human hemato/immunological systems. I am trying to investigate the effect of toxic metals on human leukocytes immune functions.

Presented by SLB member [Huq Muhammad Aminul](#)

Farah El Najjar, Johns Hopkins



Farah presented her project titled "Investigating the role of the chemokine receptor CXCR3 during influenza infection in differentiated human nasal epithelial cells" at a recent event. We welcome Farah to SLB!

Presented by SLB member [Amanda Brown](#)

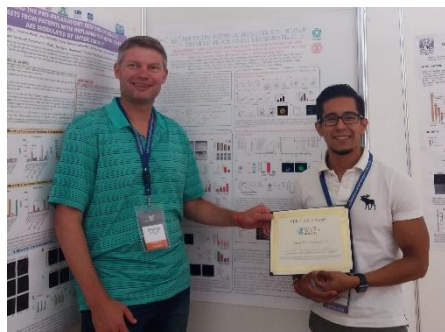
Fauziyya Muhammad, OHSC



My research focus is on understanding how regulatory T cells function to suppress inflammation mainly during an autoimmune response, specifically the potentially blinding disease, autoimmune uveitis. The title of the awarded presentation was "Stable expression of Forkhead Box Protein P3 (FoxP3) transcript on factor is required for the suppressive function of peripheral induced regulatory T cells in experimental autoimmune uveitis (EAU)"

Presented by SLB member [Anne Pereira](#)

Juan Carlos Balandrán, CIBIOR-IMSS



Carlos is a PhD student at the Oncoimmunology division of CIBIOR-IMSS, Puebla, Mexico with Dr. Rosana Pelayo. He presented in one of the minisymposia and did an excellent job. He already has some publications including a first author paper in *Frontiers in Immunology*. He plans on graduating this August and will continue his career as a postdoc in the lab of Monica Guzman.

Presented by SLB member, [Michael Schnoor](#)

Patricia Esther Miranda-Cruz, CINVESTAV

At the XII Congress of the Latin American Association of Immunology/XXIII Congress of the Mexican Society of Immunology, Patricia presented her poster titled "Extracellular vesicles isolated from septic patients enhance leukocyte transendothelial migration"



Presented by SLB member [Britany Boribong](#)

And on twitter...

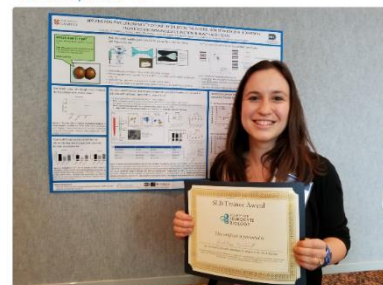
Presented by SLB member [Daniel Irimia](#)



Daniel Irimia

Follow

Kathleen Bashant, a NIH-Oxford-Cambridge PhD fellow is the latest "SLB trainee award" recipient for her work on neutrophil deformability in systemic lupus erythematosus [@leukocytebiol](#) [#neutrophil2018](#)



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The SLB Website Committee is changing their name!

To better represent their focus, the Website Committee is changing their name to the Communications Committee. The committee will focus on all types of society communications for the community including the website, social media outlets, iSLB and more. Interested in getting involved? [Email us!](#)

SLB/NRMN Webinar Series

Thank you for the survey replies in telling us your interests for the coming SLB/NRMN Professional Development webinar series. Speakers are being sourced and the first webinar invitations will be coming out soon!



NRMN
National Research Mentoring Network

Mark your 2019 Calendars and look for the coming program details

**November
15-18, 2019**

Westin Copley Place
BOSTON, MA

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*

