



## EDITOR'S NOTES – Silvia M. Uriarte, i-SLB Editor



This is a very special issue of iSLB for me since my period as editor of the newsletter and as member of the Publication Committee comes to an end. I have to thank the supporting cast of FASEB but my special thanks goes to Bill Nauseef; Bill encouraged me to take this task as editor of iSLB three years ago and it has been a wonderful journey. I enjoyed every minute of it and it gave me the opportunity to meet and interact with great SLB members! Souvenir Tachado, a new member of the Publication Committee, will serve as the new editor of iSLB starting in January 2013, so look for his introductory comments in the next issue.

My supporting cast of FASEB and I feel very pleased about the positive feedback that we received from all of you through the 2012 membership survey. THANK YOU! We are very pleased to know that almost 80% of the members found that iSLB exceeded their expectations and that they read the newsletter upon arrival! Also the SLB members provided great suggestions and we are already thinking of ways to implement them for next year.

Several features in this issue merit your attention. At the 2012 annual meeting in Maui, Hawaii, a new initiative “Street Smarts of Science for Students” organized by the Trainee Task force was a great success together with two initiatives that started in 2011 and continued with great success this year the “Grant Writing Workshop”

organized by the Professional and Development Committee and the “Round Table Discussion” organized by the Women and Diversity Committee. Don't miss reading the comments and highlights of all these events by the organizers. Also, in the committee corner, don't miss Andrei's comments as chair of the membership committee about the new initiatives to recruit more members and the benefits for current members. Additionally, in this issue don't miss the interview with Lucia Lopes whose research article entitled “Protein disulfide isomerase redox-dependent association with p47phox: evidence for an organizer role in leukocyte NADPH oxidase activation” was selected as a Journal of Leukocyte Biology Cover in the October issue of 2011. Sit comfortably and start enjoying a great issue of iSLB!

Take 10 minutes of your busy schedule, sit comfortably, and start enjoying a great issue of *i-SLB*!



### SLB Committee Corner

*Andrei Medvedev, Chair*

*On behalf of members: David Mosser, Andrew Taylor, Mary Jane Thomassen, Gyongyi Szabo*

#### Membership

The SLB Membership Committee continually strives to bring you more member benefits. In order to do so and grow the SLB voice in the scientific community, we also need more members! SLB has been holding very steady for several years but we want to grow and push our numbers above that 1000 mark. In addition to our new Sustaining Member type (see the website!), the committee would like to see 2013 as SLB's year to break our chains with a strong membership drive.

In addition to membership committee members reaching out in a more direct and personal manner to their own connections, we urge all of our members to help build the

society by urging your colleagues to find out more about SLB. Encourage them to look at JLB with its increasing impact factor and greatly updated features, explore how our new Public Relations Officer, Dan Remick, is focusing on how SLB members can help drive federal regulations and rules, or come to an SLB meeting and see what an amazing community of dedicated scientist (and fun people!) make up SLB. The committee is in the process of forming an incentive program for members who bring in new members and special bonuses for labs with multiple student members. The membership committee values the participation of long-term members of the SLB and is in the process of developing personalized reach-out outlets and forming new categories of distinguished membership. In addition, we have been developing a means to build strong ties with the pharma and industry communities to attract their new members.

In order for SLB to increase student travel and other award programs, support expanded committee activities and initiatives, enhance the pizza and pub program, have a

stronger collective voice, and grow in countless other ways we need your help! Please encourage your colleagues to take a closer look at this hidden gem of a society and join today!

*If you have ideas on how to help the committee or wish to become more involved, contact Jen Holland at [jholland@faseb.org](mailto:jholland@faseb.org).*

## Professional Development

### Grant writing workshop Maui 2012



The Society hosted again this successful grant-writing workshop at the 2012 SLB meeting in Maui, Hawaii, organized by Dr. Julian G. Cambroner and with the following round table leaders or “facilitators”: Professors Lee-Ann H. Allen (University of Iowa), Julian Gomez Cambroner (Wright State University, Ohio), Louis Justment (University of Alabama at Birmingham), Elizabeth J. Kovacs (Loyola University Chicago), Carol Miller-Graziano (University of Rochester Medical Center) and Dan Remick (Boston University). Attendance was about 40 people (grad students, postdocs and Assistant professors, from institutions both US and abroad), and they reported that they learned and enjoyed the meeting very much. We appreciate and thank the panel of Professors and also the presence of Dr. M. Katherine Jung, PhD Program Director Division of Metabolism and Health Effects National Institute on Alcohol Abuse and Alcoholism, NIH; who was invited by Dr. Kovacs and provided a great view of the work of an NIH Program Officer (PO) and how the PO can help applicants before and after the application has been submitted. During the round table, different topics were discussed such as: types of NIH grants available, the organizational structure of the NIH staff, the review process, and, of course, the process of grant writing. Each group had attendants with similar levels of experience

from students to Assistant Professor. The Professional Development Committee/and Society councilor liason, Dr. Remick and the panelists got together after the workshop and based on the success decided to organize it again for the 2013 SLB meeting in Newport, Rhode Island .

*Julian G. Cambroner, Chair*

## Street Smarts of Science Session

The first rendition of Street Smarts of Science for Students was held at the 2012 meeting in Maui, Hawaii at 7 am on the morning after the late night Tsunami Warning that kept many of us up until 2 am. In spite of this, the turnout was impressive, with about 15 participants. Dr. Dan Remick, Chair of the Department of pathology at the Boston University and Dr. M. Katherine Jung, Program Officer from the National Institutes of Alcohol Abuse and Alcoholism, at NIH were also in attendance.

Topics of discussion included :

- How to get the most out of a scientific meeting
- Finding mentors
- Networking with peers and others
- NIH 101
- How to stalk faculty
- Self “marketing” and how to find jobs
- “The Elevator Talk” or what to do (and not to do) if you are in the elevator for 3 minutes with a Department Chairperson, Dean, or person who might have a reagent that you want for your experiments

The session was intentionally informal and the discussions were great. We received positive feedback in the membership survey from those who attended the session and from further discussion with other graduate students who were not able to attend, it appears that there is an interest in holding similar sessions that focus on the needs of graduate students. Because of the great feedback that we received, we plan on having a Street Smarts of Science for Students Session at the 2013 meeting in Newport RI. Hope to see you there!

*Liz Kovacs, Organizer*



## PIZZA AND PUBS PROGRAM

Sign up to get \$200 per year to local groups to be used at regular meetings!

To qualify, your group needs to have at least 10 people, of which at least two must be PIs who are SLB members, and one student/postdoc who will join SLB as a new member.

To apply, simply send us an email ([slb@faseb.org](mailto:slb@faseb.org)) with the names and email addresses of the members of your group, a brief description of the lab group/journal club/discussion group, and a paid application for a student membership (you may download this off the SLB Web site ([www.leukocytebiology.org](http://www.leukocytebiology.org))).

# CONGRATULATIONS to Stephanie Eisenbarth, recipient of the Paper of the Year Award!

## Stephanie Eisenbarth, Ph.D. M.D.

Assistant Professor of Laboratory Medicine and of Medicine.

Assistant Director Clinical Immunology and Flow Cytometry Laboratories.

Director, Immune Monitoring Core, Yale School of Medicine.

Stephanie Eisenbarth, was the winner of the Women and Diversity committee's Paper of the Year Award for her paper "Crucial role for the Nalp3 inflammasome in the immunostimulatory properties of aluminium adjuvants" (Nature. 2008 453 (7198): 1122-6). In the paper Stephanie and her colleagues demonstrate the role of the Nalp3 inflammasome in the potency of the commonly used adjuvant alum. You can hear Stephanie's presentation by going to the media archives section of the SLB website, <http://leukocytebiology.org/Categories/Archives.aspx> Look for our upcoming interview of Stephanie in the next issue of iSLB and on the Women and Diversity webpage <http://leukocytebiology.org/Committees/Women-and-Diversity-Committee.aspx>



## Women and Diversity

### Round Table Discussion Sponsored by Women & Diversity Committee

Women and Diversity committee (W&D) held their annual Round Table Discussion at the 45th Annual Meeting of Society for Leukocyte Biology held in Maui, Hawaii. The session, chaired by Dr. Vijaya Iragavarapu-Charyula, featured keynote speaker Dr. Jenny Ting, Kenan Professor of Microbiology, School of Medicine at University of North Carolina, Chapel Hill, NC. Her talk entitled, "Order Out of Chaos", compared running a lab in academia with running a business. In this analogy, with each principal investigator (PI) being a business owner and an entrepreneur, Jenny gave insights on how to prioritize, how to market the research work, and how to network and obtain a mentor.

This insightful talk was followed by open discussion of topics that ranged from minority leadership; network/mentoring promotions & negotiations and juggling family and career. The Open Forum was moderated by Drs. Jenny Ting, Alfred Ayala, Rachel Caspi and Luis Montaner. There was active participation from the audience and excellent advice from the panelists. At the end of the discussion, a survey was taken to determine if the participants were interested in the type of format that was presented and also



to provide ideas or suggestions for future topics that they thought would be of interest to cover. The feedback from the survey indicated that future topics of interest would be: minority leadership, network, mentoring, "Women don't ask" (i.e., promotions, negotiations), time management and family and work balance. Additionally, the survey results indicated tremendous enthusiasm for Dr. Ting's talk and a thirst for open discussions, we received comments such as: "Exceptional program", "a great forum, not sure if these topics come up otherwise", "thank you for having this session, I attend a lot of meetings but none are as supportive of junior PIs and women in science as SLB!", and more. If you were not able to attend the annual meeting, or if you did but will like to hear Dr. Ting's talk again please visit the archive section of the SLB website and visit the W&D committee webpage for upcoming events and news <http://leukocytebiology.org/Committees/Women-and-Diversity-Committee.aspx>

*Vijaya Iragavarapu-Charyula, Chair*



October 20-22, 2013

Newport Marriott, Newport, Rhode Island

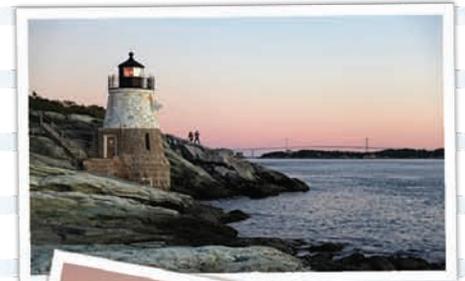


# 46th Annual Meeting of the Society for Leukocyte Biology

## Regulators of Innate Cell Plasticity

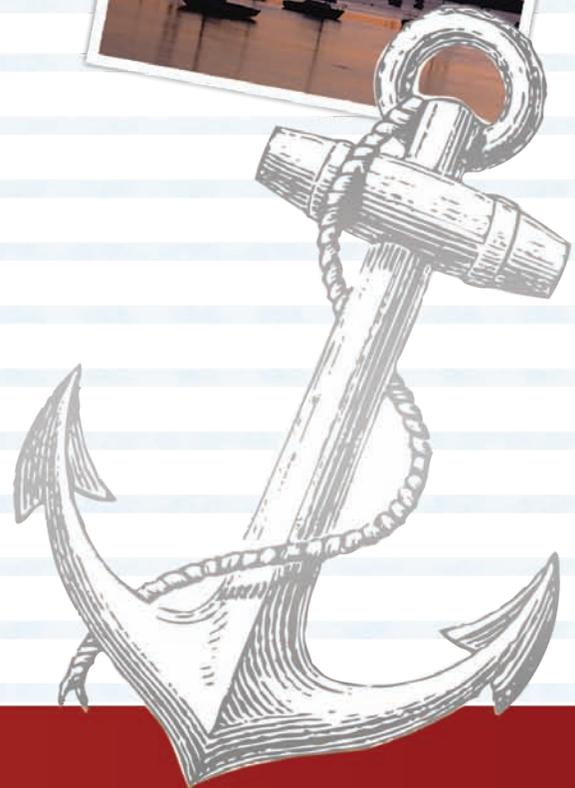
### Plenary Sessions

1. Unique approaches to Dissecting Innate Cell Microbial Interactions  
– Christian Stehlik, Leonard Shultz & Fiona Powrie
2. Myeloid Subset as Contributors to Pathology  
– Liwu Li, Lisa Coussens, & Alberto Mantovani
3. Life at the Leukocyte: Epi-/Endo-thelial Cell Interface  
– Mark Miller, Paul Kubes & Claire Doerschuk
4. Novel Prospective on Co-Inhibitor Function and Modulation in Inflammation and Disease  
– Andrew Lichtman, Al Ayala, & Carol Miller-Graziano
5. Leukocyte Function/Significance in the Aging Host  
– Ruth Montgomery, Elizabeth Kovacs, & Carlos Orihuela



### Concurrent Sessions

1. Lymphocyte roles in Innate Immunity – Dana Philpott
2. Under Appreciated Leukocyte Roles in Immunity – Joel Ernst
3. Novel Leukocyte regulators – Bonnie Dittel
4. Negative signaling regulators of Lymphocyte and Leukocyte Differentiation – Francisco Quintana
5. Regulatory Mechanisms in Leukocyte Trafficking – Minsoo Kim
6. Leukocyte Mediators in Inflammation/Infection – Dan Remick
7. Novel Adjuvants/Activators of Leukocyte Function  
– Jonathan Reichner
8. Mechanisms of Immune Privilege and/or Tolerance  
– Rachel Caspi



Visit [www.leukocytebiology.org](http://www.leukocytebiology.org) for more information

# Society Meetings Sponsored by SLB – 2013 Phagocytes Gordon Research Conference (GRC)

Lee-Ann Allen, as Chair of the 2013 Phagocytes Gordon Research Conference (GRC) that will be held at the Waterville Valley Resort in Waterville, NH from June 9-14, 2013 would like to announce that the preliminary meeting program is now posted on the GRC web site [www.grc.org/programs.aspx?year=2013&program=phagocytes](http://www.grc.org/programs.aspx?year=2013&program=phagocytes).

Featured themes of the 2013 meeting include phagocytes in the tumor microenvironment, inflammasomes, host defense, chemotaxis, the roles of phagocytes in disease states such as Alzheimer's Disease and arthritis.

The phagocytes GRC will be immediately preceded by a **Gordon Research Seminar (GRS)** that is run by and for graduate students, postdoctoral fellows and other trainees and will be organized around the theme of phagocytes diversity in inflammation, infection and repair.

Please use these links to obtain additional information and to apply for the GRS and/or GRC:

- [www.grc.org/programs.aspx?year=2013&program=grs\\_phago](http://www.grc.org/programs.aspx?year=2013&program=grs_phago)
- [www.grc.org/programs.aspx?year=2013&program=phagocytes](http://www.grc.org/programs.aspx?year=2013&program=phagocytes)

## Short Interview with an SLB Member



Dr. Lopes's article entitled "Protein disulfide isomerase redox-dependent association with p47phox: evidence for an organizer role in leukocyte NADPH oxidase activation" was selected as a Journal of Leukocyte Biology Cover in the October issue of 2011. Dr. Lopes is currently an Associate Professor at the Department of Pharmacology, Institute of Biomedical Sciences, University of São Paulo, São Paulo, Brazil. Her research interest is related to understanding the molecular and cellular mechanisms that regulate NADPH oxidase activation in neutrophils and vascular cells in order to understand the role played by this enzyme in host defense and cardiovascular disease.

### What motivated you to start working in your current scientific field?

I was very interested in understanding how a complex enzyme such as the NADPH oxidase could play an important role in host defense. I was intrigued by the question of how an enzyme which is dedicated to the producing reactive oxygen species was regulated at the cellular and molecular level in order to release these potentially harmful oxidants only when they are needed for host defense.

I also have to mention that working for Bernie Babior certainly inspired me to work in the Nox field, since it was in his lab that I began to unravel the mechanism of activation of this fascinating enzyme.

Do you think that being an SLB member had a positive impact in your scientific career? If yes, can you tell us how? Yes, it allowed me to network with great scientists in my field which certainly contributed to my growth as a scientist.

### What aspect of your scientific job gives you the most satisfaction?

The aspect that I like the most in my job is to see the

passion in a student's eye when he/she is presenting results in a meeting and discussing the data obtained in the laboratory with me.

In your opinion, what innovative ideas from your article drove the editor's attention to select it as a JLB cover? I believe it was the fact that we described a novel loop in oxygen complex recycling and a new role for protein disulfide isomerase as an organizing protein in the regulation of Nox2 assembly and ROS generation in neutrophils.

### What is your advice for a student who wants to shape her or his future with a career in science?

My advice to the student would be to focus on the research goals that he/she wants to achieve and work very very hard at the bench.

*Interview by Silvia M. Uriarte, i-SLB Editor*

## Election Results

Thank you to our 2012 candidates and members! We had an excellent voter turnout and the results were announced at the SLB Business Meeting in Hawai'i. We had many excellent nominees and each and every one of these candidates would be an excellent addition to the Council. It is our pleasure to announce the SLB 2012 Election Results:

- Treasurer (2013-2014) – Mary Dinauer
- Council (2013-2016) – Christine Biron  
Nick Lukacs

We encourage all members to consider a council position, committee chairmanship or serving on a committee's membership. SLB thrives on your input and we always welcome new volunteers!

