



i-SLB is an official publication of the Society for Leukocyte Biology

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June 2011

EDITOR'S NOTES

Does the date **June 27th** ring a bell? Hope it does, because it is the abstract deadline for the exciting upcoming 2011 SLB annual meeting. So hurry up and start writing your abstract! To learn more about the SLB upcoming meeting, read Doug Drevets and Pieter Leenen's comments about the program and plans and Bill Nauseef's notes describing how to apply for the Thorbecke and Dolph Adams awards, two of SLB's annual awards recognizing the achievements of eligible SLB members.

Several features in this issue of i-SLB merit your attention. In this issue you will find a new section entitled "*SLB Committee Corner*" that we will feature throughout the year. The intention of this new section is to provide SLB members with the different initiatives that each committee is pursuing. In this issue there are updates on new endeavors proposed by three committees: the Professional Development Committee, the Women & Diversity Committee, and the Website Committee. Don't miss the interview with **Prof. David A. Hume**, who is the 2011 Bonanzinga's winner and whose research article entitled "*Pivotal Advance: Avian colony-stimulating factor 1 (CSF-1), interleukin-34 (IL-34), and CSF-1 receptor genes and gene products*" was featured on the cover of *JLB* in the May 2010 issue.

Whether or not you had the opportunity to attend the TOLL2011 meeting in Riva del Garda, Italy, don't miss reading Marco Cassatella's description of the highlights of the meeting! Also, in response to members' request about advertising scientific meetings of interest to leukocyte research, we provide a list of the different scientific meetings that will be sponsored by your society, so take some time and go over those meeting dates and mark your calendar! If you want to be ahead of the game in your knowledge about leukocytes and the history of *JLB*, don't miss reading Luis J. Montaner's exciting section!

As I mentioned before, the goal of i-SLB is to provide YOU with useful information about what your society has to offer; however the best way to know if we are accomplishing that goal is to hear your feedback. Hence, if you have any ideas, suggestions, or comments, please contact me at silvia.uriarte@louisville.edu.

Silvia Uriarte, *iSLB Editor*



PRESIDENT'S COMMENTS

As the summer heats up, it means that the deadline for abstracts submission for the next exciting SLB meeting is just around the corner (see Pieter and Doug's update about the 2011 meeting).

Volunteerism continues to rule at SLB. See what the Professional Development and Women & Diversity Committees forward the events that they have planned for us in Kansas City.

Join me in welcoming SLB's newest council member:

Alfred Ayala, PhD from the Department of Surgery at Brown University/Rhode Island Hospital. Welcome All! Also, join me in welcoming the 69 new SLB members!

The web site committee launched Facebook and LinkedIn links (see comments from Miki). While my daughter, and others, reminds me that I am too old to use Facebook (which is fine with me), I encourage all of you old and young to follow SLB through those sites.

Now that the Task Forces formed under Bill's presidency have morphed into Committees, I have taken a giant step back and see that our graduate students and post-doctoral trainees may need help.

Liz Kovacs, *President SLB*



Development and Women & Diversity Committees forward the events that they have planned for us in Kansas City.

HELP WANTED

Brainstorming session on the needs of trainees (graduate students and post-doctoral fellows) and what SLB can do to help. If anyone (students, post-docs, faculty, etc) is out there who has ideas, please email them to me, Liz Kovacs (ekovacs@lumc.edu), or join me for a working lunch on Thursday, Sept. 22nd from 11:30 am -12:30 pm. Click [HERE](#) to RSVP.

HELP WANTED @ SLB

Fundraising Chair (Andrea Tenner) and our Executive Director (Jen Holland) need help.

NEWS AND KEY DATES FOR THE SLB 2011 ANNUAL MEETING!

Dear leukocyte aficionados,

The clock is ticking. We are just a few short summer months away from our yearly scientific get-together in Kansas City! Most importantly, the abstract deadline is approaching rapidly! You probably marked **June 27th** on your calendars already, but why wait until the very last day and run the risk of computer issues, network overload, or other last minute trouble?

We as organizers along with the session chairs eagerly anticipate reviewing your abstracts and selecting several of the very best of them for oral presentations. New for this year's meeting is that abstracts selected for oral presentation are also expected to be presented as posters. This increases the exposure of your work and provides optimal interaction with your colleagues. Also, don't forget to apply for one of the various awards that SLB offers! Don't be shy, but convince yourself and the award committee members that your hard work matters and stands out in the advancement of leukocyte research! To be eligible for awards, abstracts must be submitted by the June 27 deadline. Application deadline for awards is July 15, though.

During the previous months of planning and preparation for SLB2011 in Kansas City, we have thought about ways to facilitate the participation of scientists and students that do their research under difficult circumstances. The recent natural disasters in Japan and New Zealand come first to mind, but there are many other challenging situations that make life in science a true vocation. SLB tries to help those who require assistance or support to participate in the meetings and in scientific debate. Especially young investigators may apply for the **FASEB/MARC Travel Awards**. However there may be other ways that we can make a difference for someone, so please let us know! The SLB budget is limited, but it's not always money that is the final solution.

On all accounts, we look forward to an exciting scientific experience!

Doug Drevets and Pieter Leenen, SLB 2011 Meeting Co-Chairs



SAVE THE DATE!

OCTOBER 28-30, 2012
45TH ANNUAL MEETING OF THE
SOCIETY FOR LEUKOCYTE BIOLOGY
GRAND WAILEA, MAUI, HAWAII

INFLAMMATION IN INNATE AND ADAPTIVE IMMUNE MECHANISMS
 FOR MORE INFORMATION VISIT WWW.LEUKOCYTEBIOLOGY.ORG

ANNUAL AWARDS AT THE 2011 SLB MEETING



Folks,

In addition to Pieter & Doug's encouragement to submit abstracts for the **Presidential Awards** (and please note that there are two categories!), please be mindful of the two awards that recognize a sustained record of

scientific excellence. For female junior faculty scientists (*i.e.* having held a faculty position for fewer than 5 years) SLB has established the **G. Jeanette Thorbecke Award**. For more senior scientists (*i.e.* those with fewer than 12

years since completion of post-doctoral studies and time as full-time faculty or equivalent) SLB has established the **Dolph Adams Award** as a mechanism to recognize outstanding work in the area of cellular and molecular mechanisms of host defense and inflammation.

Candidates for these awards can be nominated by colleagues, or department or research institution chairs. Consult the SLB website for specific criteria and details on submitting a nomination. Take advantage of this mechanism to recognize the outstanding science by your SLB colleagues.

Bill Nauseef, Awards Committee Chair

SHORT INTERVIEW WITH AN SLB MEMBER



Professor Hume's article entitled "*Pivotal Advance: Avian colony-stimulating factor 1 (CSF-1), interleukin-34 (IL-34), and CSF-1 receptor genes and gene products*" was selected as a Journal of Leukocyte Biology Cover in the May issue of 2010. Prof. Hume is currently the Director of The Roslin Institute at the University of Edinburgh and Research Director of the Royal (Dick) School of Veterinary Studies. His research interest is related to understanding the cellular and molecular biology of macrophages, how these cells recognize pathogens and how that function has evolved between species. Prof. Hume is the winner of the 2011 Bonazinga Award, and will be presenting a talk in Kansas City entitled "Macrophages as a System".

What motivated you to start working in your current scientific field? There were two critical mentors; an undergraduate lecturer, Dr Maurie Weidemann, who inspired my interest in Biochemistry and later supervised my PhD. Subsequently, Dr Siamon Gordon gave me the opportunity and guidance to focus on basic macrophage biology. I first started working on making an antibody against the CSF-1 receptor in Siamon's lab in 1981, and recently published my first paper using such an antibody, nearly 30 years later!

Do you think that being an SLB member had a positive impact in your scientific career?

If yes, can you tell us how? As a non-US-based member I have not had many opportunities to attend the meetings, but I have had a long-standing engagement as an editor of JLB, and have published regularly in the journal including several substantial reviews that have been well-cited.

What aspect of your scientific job gives you the most satisfaction? Postgraduate supervision is a joy, especially with students who teach me. I have had more than 40 PhD graduates and I hope that I have conveyed to them my own view that science is fun. But the greatest satisfaction is the moment when a key finding provides the final piece of an intellectual puzzle.

In your opinion, what innovative ideas from your article drove the editor's attention to select it as a JLB cover? The paper describes the identification of CSF-1 and IL34 in birds and confirms that both of them can interact with the avian CSF-1 receptor. The intellectually interesting question is how two distinct ligands can coevolve with a rapidly evolving receptor. We used a novel coevolution analysis to infer that the two ligands must bind to distinct locations on the receptor.

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

It is one of the few truly international professions. Diversity of experience is a competitive advantage so look for opportunities to change fields and environments/countries. And in modern biology, quantitative, mathematical and computational skills will be more and more important.

Interview by Silvia M. Uriarte, i-SLB Editor

{ SLB COMMITTEE CORNER }

PROFESSIONAL DEVELOPMENT COMMITTEE



The Professional Development Committee (PDC) is working hard for the upcoming “**Grant Writing Workshop**”. This workshop is part of SLB educational mission and will take place at the annual SLB meeting on Friday September 23 in Kansas City. Two of the

PDC members **Angela Dolganiuc** and **Michele Pritchard** have already posted in the SLB members-only website a comprehensive list of funding opportunities and writing resources. This list contains very useful information so take some time to browse the SLB website and check it out! Some of the resources from the website posted list and other ones that will be created during the summer will be used in the upcoming Grant Writing Workshop. The workshop will have an initial presentation by me, as chair of the PDC committee, followed by discussion groups which will have a leading scientist. The main theme of the workshop will be grant writing strategies from multiple perspectives trying to cover some of the

following topics: the main focus of your writing, how the review process works, the recent changes in NIH format, which are the common mistakes in writing grant applications, and the idea of networking with program officers to find out the areas of interests/RFAs. The target audience for this workshop is graduate students, postdocs and junior faculty, who are new to the grant writing process. The participants of this workshop will benefit from having the opportunity to meet and interact with the discussion group leading scientists who will share their experience and provide advice based on their successful funding career with NIH and other funding agencies. Anticipating a large response, this workshop will require confirmation by RSVP to attend, as space will be limited to approximately 40 participants. The Society will be emailing registered attendees in **August** to invite them and ask for RSVPs to the workshop, as space is limited, if you are interested don't hesitate and answer quickly!

Julián Gomez Cambrero, Chair

WOMEN AND DIVERSITY COMMITTEE



The Women and Diversity (W & D) Committee is committed to assisting and promoting professionally qualified individuals who encounter barriers to advancement due to gender, nationality, or ethnic background. We, at the W&D Committee want to hear from SLB members and have created open forums to find

out what aspects of SLB member careers have facilitated or hindered their pursuit of success in biomedical research. We are asking members who are women or under-represented minorities or are familiar with the experiences of these individuals to post their comments in the forums by the posted deadline. This information will be captured and compiled into a report to be presented to all members in the future. Please consider

responding to forum questions so we can better assess the needs of our members and provide information that will foster career development and success of all Society members.

If you wish to initiate any discussion using W&D forum, please feel free by defining the topic. To access forums, please use the Topic of the Month link [HERE](#). You can comment on any of the postings or begin a new thread.

We look forward to your participation in our forum and sharing your experiences, challenges, and achievements. If you have suggestions and/or ideas that are more appropriate to discuss outside the forum, please feel free to contact W& D member Cherié L. Butts (Cherie.Butts@fda.hhs.gov).

Cherié L. Butts, W&D Committee

WOMEN AND DIVERSITY COMMITTEE NEWS

View the newly formed Women and Diversity Speaker List [HERE](#).
A valuable resource for anyone looking to connect with experts in topical areas and for chairs looking to fill their scientific program.
Interested in being on the list? [Email us](#).

{ SLB COMMITTEE CORNER }

WEBSITE COMMITTEE



The SLB Website Committee is working continuously to improve communication between the members. We have used the website to create a platform for discussion (using the Forums) and bring to the members the new working products of the various committees. Check out the resource libraries of both the Professional Development

Committee and the Women & Diversity Committee, to find new presentations, funding opportunities and information. Also, If you haven't already, please take 5 minutes of your time and fill out your research interests in the Directory, to make sure that people who

are looking for you to collaborate or exchange ideas can easily find you!

This year we also went Social, as we opened two new discussion groups on Facebook and LinkedIn. These are closed groups, meant only for SLB members. So it is now easy to share your personal and professional experiences with your SLB friends, make plans for the upcoming annual meeting, post pictures from your lab or open a discussion on a new procedure your lab is doing. Please join us there today!

Lastly, the web site platform is there for you. We would love to hear from you, so if you have any idea, suggestion or comment, please contact us at slb@faseb.org.

Miki Rahat, Chair

PIZZA AND PUBS PROGRAM

Pizza and Pubs continues to grow! Discussion groups from University of Iowa, the Mayo Clinic, and the University of Michigan were the first to sign up for SLB's Pizza and Pub Program. Recent additions include The New Jersey Medical and Dental School, Kansas State University and University of Nebraska Medical Center!

Our program, designed to support local *Journal of Leukocyte Biology* discussion groups dedicated to discussing articles contained within our very popular publication, provides \$200 per year to local groups to be used at regular meetings. This can buy you a lot of pizza! It can also buy a lot of interesting discussion and interaction about the exciting world of leukocyte biology.

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) 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)). Feel free to sign up more than just one student. The more, the merrier!

We look forward to seeing many more **Pizza and Pubs** groups forming around the country and abroad.



SLB JOINS THE MODERN WORLD OF COMMUNICATION AND NETWORKING!

The SLB Web Committee has been working hard not only on the SLB website content but also on improving communication and connections between members. In this effort, we are testing new Facebook and LinkedIn groups. Use the site to find a roommate for the coming September meeting, post pictures from your lab or open a discussion on a new procedure your lab is doing. Look for us on these sites and join today! These are closed groups, meant only for SLB members. Contact slb@faseb.org for assistance and to provide feedback on this new initiative.



HIGHLIGHTS OF TOLL 2011 IN ITALY



The historic “TOLL” meeting, typically organized in renowned places by Doug Golenbock and his colleagues (at the University of Massachusetts Medical School) continues its tradition. Its fourth edition, “TOLL2011 - Decoding Innate Immunity”, has recently convened in Riva del Garda, Italy (May 4-7th, 2011), where it involved 66 invited speakers, 24 chairpersons and almost 700 attending scientists coming from all over the world (www.toll2011.org). The meeting format ended in a stimulating scientific program that intended to provide a unique educational experience for the many young investigators who enthusiastically crowded the rooms. The conference was opened by

Vishva Dixit who made a touching tribute to Jurg Tschopp, followed by two Key Note Lectures, one delivered by Victor Ambros (University of Massachusetts Medical School) on *MicroRNA pathways in animal development*, the other one by Jules Hoffmann (CNRS University of Strasbourg) on *Drosophila Antimicrobial Defenses*.

The scientific program offered eleven Plenary Sessions and two parallel sessions for selected oral presentations (from more than 300 submitted abstracts), scheduled along three very intense days. The meeting topics focused on the different aspects of both innate and adaptive immunity. Additionally, two events attended by around 200 young investigators completed the program of the meeting. One event was a workshop organized by the meeting sponsor companies on recent advances on drug development targeting innate immunity. The other event was a student lunch workshop during which a number of Editors of high-impacted journals elucidated the best strategies aimed at publishing in, and working, for scientific journals. Needless to say that TOLL2011 has been a dramatic success, not only for the impressive line-up of talented investigators (the cream of the crop in the field), but also for the pleasant atmosphere of being surrounded by marvelous landscapes that the lake of Garda has offered, for the sunny weather and for the food of very high quality that all participants appreciated. Thus, in keeping with the practice of the previous TOLL meetings, the congress has been, once again, a fantastic occasion for a full immersion in basic and clinical research in innate immunity and related topics, to discuss and share new ideas and to consolidate both personal contacts and scientific relationships.

As a tradition, the meeting was closed by a delicious banquet dinner in a very fancy hotel; however, what the participants will recall about the banquet will certainly be the phenomenal performances by the *Luke O'Neill's band*, Luke O'Neill at the voice/guitar and Richard Flavell guest star at the electric guitar. On the stage, pure rock'n'roll, blues and disco music were played, with a repertoire going from Ben King to Lady Gaga through U2 and Coldplay. Do you want a deal for the organization of your scientific meeting? Then, invite O'Neill and Flavell and you'll get “two for one” for both: an outstanding speech and, at the end of your conference, a fabulous live music entertainment!

Marco Cassatella, TOLL 2011 Local Organizing Committee

KNOW YOUR HISTORY!

JLB will soon post the history of the journal on our website under “**About JLB**” – Currently, changes to the site are in the queue with the developer, but SLB members can see the premier before it goes public by clicking [HERE](#). So enjoy your privileges and go and browse through the website to checkout the early covers, our first table of contents, and find out why our original name for close to 20 years was largely based on a lingering error in knowing what accounted for true leukocytes (oops!)

Also, take some time to read the upcoming September 2011 issue as we will be publishing an exciting review and editorial on **THE milestones of leukocyte biology** that followed the discovery of phagocytosis to today's controversies on classic versus not classic macrophage subsets. Do you know who received the Nobel Prize for cell defense by phagocytosis? Do you know the

controversy this finding sparked which continues today? Do you know that it was not easy for the Nobel Prize winner to get a job at the beginning of the scientific career? Or do you know how we know microphages today? The editorial accompanying the review reminds us all of what we can learn from history and that independently of time in scientific controversy lies the path to advancing science. Even if you do know the answers to these questions, we hope you enjoy reading these pieces and learning about how JLB came to be what it is today. We in the editorial board and the reviewers enjoyed working on them for you. So be prepared... everything you wanted to know about leukocytes and were afraid (or did not know) to ask is coming your way!

Luis J. Montaner, JLB Editor-in-Chief

WELCOME SLB MEMBERS

Aditya Ambade, *UMass Medical School*
 Emily Archer Slone, *Kansas State University*
 Sergei Atamas, *University of Maryland, Baltimore*
 Flavia Bazzoni, *University of Verona*
 Mats Bemark, *University of Gothenburg*
 Marina de Bernard, *Venetian Instit. of Molecular Med.*
 Palash Bhattacharya, *University of Illinois at Chicago*
 Rudra Bhowmick, *Univer. of Massachusetts Med. School*
 Marie Bodinier, *INRA*
 Andre Boonstra, *Erasmus MC*
 Mandi Brock
 Candice Brown, *Wake Forest School of Medicine*
 Cherie Butts, *US Food & Drug Administration*
 Balazs Csoka, *UMDNJ-NJMS*
 Blossom Damania, *UNC-Chapel Hill*
 Reza Dana
 Marjolein van Egmond, *VU University Medical Center*
 Cecilia Garlanda
 Fabrizio Giuliani, *University of Alberta*
 Bumsuk Hahm, *University of Missouri*
 Mark Hanke, *University of Nebraska Medical Center*
 Kristina Harris, *University of Maryland, Baltimore*
 Bryan Hart, *University of Illinois*
 Qiong (Catherine) He
 Andrew Heath, *University of Sheffield*
 Alexander Hoffmann, *Univer. of CA San Diego Med. Ctr.*
 Song Hong, *Louisiana State Univ. Health Sci. Ctr.*
 Jonathan Jantsch
 Anna Karlsson
 Sung Ouk Kim, *University of Western Ontario*
 Joyce Koenig, *Saint Louis University*
 Xiang-An Li, *University of Kentucky*
 Karin Lore, *Karolinska Institute*
 Irina Luzina, *University of Maryland, Baltimore*
 Trisha Macfarlane, *University of Rochester*
 Louis Marois, *Laval University*
 Hironori Matsushima, *Univer. of Toledo College of Med.*
 Charles McCall, *Wake Forest University*
 Radiah Minor, *North Carolina A&T State University*
 Christopher Mody, *University of Calgary*
 Cody Mooneyhan, *FASEB Office of Publications*
 Joshua Obar, *Montana State University*
 Catherine Ong, *Imperial College London*
 Mirko Paiardini, *Emory University*
 Anna Palucka, *Baylor Inst. for Immunology Research*
 Helen Papadaki, *University of Crete School of Medicine*
 Sean Patro, *University of Pennsylvania*
 Prasad Phatarpekar, *UT MD Anderson Cancer Center*
 Zahida Qamri, *The Ohio State University*
 Doug Redelman, *Univ. of Nevada School of Medicine*
 Anne Ridley
 Franca Ronchese, *Malaghan Inst. Medical Research*
 James Rosenbaum, *Oregon Health & Science University*
 Matthew Rosengart
 Anna Rubartelli
 Sabine Schmidhuber, *Clinical Research Center Salzburg*

Lisa Schopf, *Virdante Pharmaceuticals*
 Peter Sims, *University of Rochester*
 Hugo Soudeyns, *CHU Sainte-Justine*
 Geoffrey Stone, *University of Miami*
 Jacques Van Snick, *Ludwig Inst. for Cancer Research Ltd.*
 David Vermijlen, *ULB*
 Barbara Walzog, *Ludwig Maximilians University*
 Ruipeng Wang, *NIH*
 Stephen Ward, *University of Bath*
 Heidi Welch, *The Babraham Institute*
 William Westlin, *Avila Therapeutics*
 Ian Wicks Walter, *Eliza Hall Institute*
 Li Ye Temple, *University School of Medicine*

OTHER SCIENTIFIC MEETINGS

The Many Faces of Phagocytes: Inflammation, Infection and Homeostasis

Phagocytes Gordon Research Seminar
 June 18-19, 2011
 Davidson College
 Davidson, NC
 Chair: Renee M. Gilberti
 Associate Chair: Marco Antonio De Oliveir Magalhaes
[WEBSITE](#)

10th World Congress on Inflammation

Organized by the GREMI (Groupe de Recherche et d'Etude des Mediateurs de l'Inflammation).
 Translating Basic Research to Patient Care
 Dates: June 25-29, 2011
 Lieu: Palais des Congrès, Paris
 Contact: INFLAMMATION 2011 - c/o MCI
 24 rue Chauchat - 75009 Paris - France
 Tel.: 33 (0) 1 53 85 82 71 - Fax: 33 (0) 1 53 85 82 83
[EMAIL](#)
[WEBSITE](#)

British Society for Immunology — July 2011 BSI Summer School

The British Society for Immunology is holding the next BSI Summer School from 5-8 July 2011 at St Donat's Castle, Llantwit Major (Wales), UK.
 BSI Summer School 2011
 5-8 July 2011
 St Donat's Castle, Llantwit Major (Wales), UK
[WEBSITE](#)

The Neutrophil in Immunity

June 9-12, 2012
 Quebec City, Canada
[EMAIL](#)
[WEBSITE](#)