

**PROGRAM DRAFT**  
Annual Meeting of The  
Society for Leukocyte Biology  
“Inflammation in Innate and Adaptive Immune Mechanisms”

◆  
October 28 – 30, 2012  
Hilton Grand Wailea Resort  
Maui, Hawaii

**Organizers: Tom Hamilton and Xiaoxia Li**

**Saturday, October 27th**

**7:00 am - 1:00 pm SLB Council Meeting**

By invitation only

**8:00 am - 2:00 pm Satellite Symposium Alcohol and Immunology: Receptors and Signal Transduction**

Chair: Elizabeth J. Kovacs

*Hosted by the Alcohol and Immunology Research Interest Group (AIRIG)*

**Sunday, October 28th**

**7:00 am-8:15 am Networking Breakfast**

(continental breakfast provided)

**7:00 am-8:15 am Street Smarts of Science: A Survival Guide for Graduate Students (RSVP required)**

In this first session entitled the "Street Smarts of Science," Dr. Elizabeth J. Kovacs, and a handful of senior faculty, will impart their knowledge of how to survive in academia in a session designed around the needs of graduate students. Those who are currently enrolled in graduate school, medical school, and combined degree programs (such as MD/PhD programs), may need help navigating the waters. There is no better place to do that than Hawaii!!

Topics will include:

- How to get the most out of a scientific meeting or conference “etiquette”
- Finding mentors
- Networking with peers and others
- NIH 101

- How to stalk faculty
- Self “marketing” and how to find jobs
- “The Elevator Talk” (how to be prepared for a short conversation with your Chairperson, Dean, or a person at this meeting who might have a reagent that you want for your experiments)

**7:00 am-8:15 am Committee Sessions**

**7:00 am-10:00 am Exhibit Set-up**

**8:15 am-8:30 am Welcome**

**8:30-10:00 am Plenary I: Innate Immune Recognition Mechanisms and Host Defense**

Chair: TBA

**8:30 am Cytosolic Surveillance: Sensing, Signaling and Regulatory Mechanisms**

Kate Fitzgerald, *University of Mass. Medical School*

**9:00 am Phagocytosis & Inflammatory Signaling: What’s the Connection?**

David Underhill, *Cedars-Sinai Medical Center/UCLA*

**9:30 am Biochemical Characterization of DNA/RNA Sensors in the Innate Immune System**

Yong-Jun Liu, *Baylor Research Institute*

**10:00 am-5:00 pm Exhibits Open**

**10:00-10:30 am Coffee Break**

**10:30-12:30 pm CS 1: Host-Pathogen Interactions**

Chair: TBA

**10:30 am IL-23 in the Generation and Function of Th17 Memory**  
Mandy McGeachy, *University of Pittsburgh*

**11:00 am TBA Featured Abstract**

**11:20 am Selected Abstract TBA**

**11:35 am Selected Abstract TBA**

**11:50 am Selected Abstract TBA**

**12:05 pm Selected Abstract TBA**

**CS 2: B lymphocytes in Immune Regulation and Autoimmunity**

Chair: TBA

**10:30 am Innate Immune Activation of Autoreactive B cells**  
Ann Marshak-Rothstein, *University of Massachusetts Medical School*

**11:00 am TBA Featured Abstract**

**11:20 am Selected Abstract TBA**

**11:35 am Selected Abstract TBA**

**11:50 am Selected Abstract TBA**

**12:05 pm Selected Abstract TBA**

**12:30-1:30 pm Lunch on Your Own**

**1:30-3:00 pm SLB Presidential Nominees**

Chair: TBA  
6-15min talks

SLB Junior Faculty/Postdocs Presidential Award Finalist  
SLB Student Presidential Award Finalist

**3:00 – 4:00 pm Poster Session A / Coffee Break**

(Presentation of CS1 and CS 2 topical posters, snacks provided)

**4:00- 5:00 pm Senior Level Awards**

Jean Thorbecke (15min) and Dolph Adams (30min)  
TBA, W&D paper of the year (15min)  
Chair: TBA

**4:00 pm TBA Thorbecke Awardee**

**4:15 pm TBA Adams Awardee**

**4:45 pm TBA Women & Diversity Paper of the Year**

**5:00 - 6:00 pm Keynote Lecture:**

*Marie T. Bonazinga Awardee:*

**What is Innate Immunity and What is Interleukin-1?**

Charles Dinarello, *University of Colorado*

Chair: Jill Suttles

**6:00 pm-7:00 pm Opening Reception**

**Monday, October 29th**

**7:00 am-8:30 am Networking**

**Breakfast**

(continental breakfast provided)

**7:00 am-5:00 pm Exhibits Open**

**7:00 am-8:30 am How to Write Your First Grant Application** (RSVP required)

Session Chair: Julian G. Cambroner, Ph.D., Professor of Biochemistry and Molecular Biology (Wright State University School of Medicine). *Sponsored*

and organized by the SLB Professional Development Committee (Room TBA)

This workshop is hosted by the *Professional Development Committee*, as part of the educational mission of the Society for Leukocyte Biology. Chaired by Julian G. Cambroneo, Ph.D. Professor of Biochemistry and Molecular Biology at Wright State University School of Medicine this workshop is targeted to graduate students, postdoctoral fellows, and junior faculty, who are new to the grant writing process! A short presentation by Dr. Cambroneo will open the workshop followed by small-group discussion tables to discuss grant writing strategies from multiple perspectives. Join some senior (LeeAnn Allen, Louis Justement, Elizabeth J. Kovacs, Kenneth McLeish, and Daniel Remick) researchers and draw upon their knowledge during this interesting workshop.

**8:30-10:00 am** **Plenary II: Inflammasomes**  
Chair: TBA

**8:30 am** **The NLR Family of Immune Sensors**  
Jenny Ting, *University of North Carolina*

**9:00 am** **The Inflammasome: Role in Host Defense and Disease**  
Gabriel Nunez, *University of Michigan*

**9:30 am** **The Inflammasome and Autoinflammation**  
Hal Hoffman, *University of California, San Diego*

**10:00-11:00 am** **Poster Session B / Coffee Break**  
(Presentation of CS3 and CS4 topical posters, snacks provided)

**11:00 am- 1:00 pm** **Concurrent Sessions**

**CS 3: Cytokine Signaling and Inflammation**  
Chair: TBA

**11:00 am** **The Role on ITAM Signaling Receptors in Macrophage Development and Function**  
Marco Colonna, *Washington University School of Medicine*

**11:25 am** **TBA Featured Abstract**

**11:50 am** **Selected Abstract TBA**

**12:05 pm** **Selected Abstract TBA**

**12:20 pm** **Selected Abstract TBA**

**12:35 pm** **Selected Abstract TBA**

**CS 4: Dendritic Cell and Macrophage Regulation**  
Chair: TBA

**11:00 am** **Systems Vaccinology**  
Bali Pulendran, *Emory University*

**11:25 am** **TBA Featured Abstract**

**11:50 am** **Selected Abstract TBA**

**12:05 pm** **Selected Abstract TBA**

**12:20 pm** **Selected Abstract TBA**

**12:35 pm** **Selected Abstract TBA**

**1:00 pm to 2:00 pm** **Lunch on Your Own**

**1:00 pm to 2:00 pm** **JLB Editorial Board Lunch by invitation only (room TBA)**

**2:00 – 3:30 pm** **Plenary III: Myeloid Cell Populations in Cancer: The Link with Inflammation**  
Chair: TBA

**2:00 pm** **Regulation of Macrophage Functional**

**Phenotype in the Tumor  
Microenvironment**  
Jill Suttles, *Univ of Louisville*  
*School of Medicine*

**2:30 pm Regulation of Myeloid-  
Derived Suppressor Cells  
Expansion and Function in  
Cancer**  
Dimitry Gabrilovitch, *Moffitt  
Cancer Center*

**3:00 pm Inflammation and  
Oxidative Stress Drive Immune  
Suppression in the Tumor  
Microenvironment**  
Suzanne Ostrand Rosenberg, *UMBC*

**3:30- 4:00 pm Member Business  
Meeting and Presidential Award  
Announcements**

**4:00 to 5:00 pm Poster Session C /  
Coffee Break**  
(Presentation of CS5 and CS6 topical  
posters, snacks provided)

**5:00 to 7:00 pm Concurrent Sessions**

**CS 5: Treg and Th17 Cells in Host  
Defense and Autoimmunity**  
Chair: TBA

**5:00 pm IL-17 Family Cytokines  
in Inflammation and Cancer**  
Chen Dong, *UT MD Anderson  
Cancer Center*

**5:25 pm TBA Featured Abstract**

**5:50 pm Selected Abstract TBA**

**6:05 pm Selected Abstract TBA**

**6:20 pm Selected Abstract TBA**

**6:35 pm Selected Abstract TBA**

**CS 6:  $\gamma\delta$ T, NK, NKT cells**  
Chair: TBA

**5:00 pm The Original Innate  
Lymphocyte - Unique and  
Common Pathways Regulating  
NK Cell Responses**  
Christine Biron, *Brown University*

**5:25 pm TBA Featured Abstract**

**5:50 pm Selected Abstract TBA**

**6:05 pm Selected Abstract TBA**

**6:20 pm Selected Abstract TBA**

**6:35 pm Selected Abstract TBA**

**7:00 -9:00 pm Social Mixer**  
(Matteos, pizza and beer hosted, casual)

**Tuesday, October 30th**

**7:00 am-8:30 am Networking  
Breakfast**  
(continental breakfast provided)

**7:00 am-2:00 pm Exhibits Open**

**7:00 am-8:30 am Women and  
Diversity Workshop (RSVP required)**  
*Hosted by the SLB Women and Diversity  
Committee*

**Keynote: Jenny Ting**  
**TITLE TBA**

This workshop will feature Jenny Ting as our keynote speaker, presentation of certificates for recipients of FASEB MARC awards, and an open discussion with senior scientists on issues affecting women and minorities in science. Topics include women minority leadership, network/mentoring and "women don't ask" in regards to promotions, negotiations. This workshop is open to all individuals interested in discussing the obstacles affecting women and minorities throughout their career and hearing advice from senior scientists on managing those obstacles.

**8:30 am-10:00 am Plenary IV:  
Epithelium: The Interplay Between  
Innate and Th2 Immunity**

Chair: TBA

**8:30 am IL-25 Signaling in Th2  
Responses**  
Xiaoxia Li, *Cleveland Clinic*

**9:00 am Innate Helper Type-2  
Cells in Allergic Immune  
Responses**  
Richard Locksley, *Univ. of  
California, San Francisco*

**9:30 am Regulation by innate  
lymphoid cells in the lung**  
Dale Umetsu, *Children's Hospital  
Boston*

**10:00-11:00 am Poster Session D /  
Coffee Break**

(Presentation of CS7 and CS8 topical  
posters, snacks provided)

**11:00-1:00 pm Concurrent Sessions**

**CS 7: Micro RNA and Post-  
transcriptional Regulation in  
Inflammatory Response**

Chair: TBA

**11:00 am The Role of tiRNAs in  
Post-Transcriptional Control**  
Paul Anderson, *Brigham and  
Women's Hospital*

**11:25 am TBA Featured Abstract**

**11:50 am Selected Abstract TBA**

**12:05 pm Selected Abstract TBA**

**12:20 am Selected Abstract TBA**

**12:35 am Selected Abstract TBA**

**CS 8: Neuroimmunology**

Chair: TBA

**11:00 am Sculpting Complement  
as a Therapeutic Strategy in  
Neurodegenerative Disorders**  
Andrea Tenner, *University of  
California, Irvine*

**11:25 am TBA Featured Abstract**

**11:50 am Selected Abstract TBA**

**12:05 pm Selected Abstract TBA**

**12:20 pm Selected Abstract TBA**

**12:35 pm Selected Abstract TBA**

**1:00 pm - 2:00 pm Lunch on Your  
Own**

**2:00-4:00 pm Plenary V: Metabolism  
in Immune Regulation**

Chair: TBA

**2:00 pm Regulation of T cell  
Differentiation and Function by  
mTOR**  
Jonathan Powell, *Johns Hopkins  
School of Medicine*

**2:30 pm Lymphocyte Metabolism  
in CD4 T Cell Subsets**  
Jeff Rathmell, *Duke University  
Medical Center*

**3:00 pm Immune Regulation by  
Tryptophan Metabolism**  
Andrew Mellor, *Georgia Health  
Sciences University*