



SLB 2027

## Leukocytes Without Borders: Integrating Systems, Scales, and Species

September 27-30, 2027

Hilton Charlotte University Place – Charlotte, N.C., U.S.A.  
 Chairs: Elsa Bou Ghanem, *University at Buffalo* & Henrique Serezani, *Vanderbilt University*

Following the long tradition of SLB, this 60th Annual Conference will showcase the boundary-crossing nature of leukocytes — their ability to traffic between tissues, communicate across organ systems, adapt to environmental cues, and display conserved and divergent biology across species. This meeting will gather investigators from various fields to explore leukocytes as integrators of molecular signaling, tissue physiology, and whole-organism biology and will integrate experimental, computational, and translational immunology.

The 2027 Legacy Lecture Awardee, Lee-Ann Allen, *Texas Biomedical Research Institute*, will present the opening keynote lecture titled “TBD”.

### Feature Sessions

- **ACROSS TISSUES:** How Leukocytes Adapt to Different Environments
  - **Lee Quinton, *UMASS, Chan***
  - **Ashley Moseman, *Duke University***
  - **Celia Shiau, *UNC***
- **ACROSS TIME:** Leukocyte Development, Aging, & Memory Formation
  - **Andres Hidalgo, *Yale University***
  - **Maxim Artmov, *WashU***
  - **Christina Camell, *University of Minnesota***
- **ACROSS SCALES:** From Molecular Mechanisms to Cellular Behavior, Tissue and Systemic Physiology
  - **Pilar Alcaide, *University of Miami***
  - **Robbie Watson, *Vanderbilt University***
  - **Jeff Rathmell, *University of Chicago***
- **ACROSS DISCIPLINES:** Integration with Engineering and Computational Biology
  - **Berenice Benayoun, *USC***
  - **Daniel Irimia, *Harvard***
  - **Christine Moussion, *Genetech, Inc.***

### Focus Sessions

- **Leukocyte Journeys:** Trafficking, Migration, and Positioning within Tissues
  - **Anukul Shenoy, *University of Michigan***
- **Leukocytes Over Time:** Development, Aging, and Memory in Innate and Adaptive Cells
  - **Jie Sun, *University of Virginia School of Medicine***
- **Leukocytes in Homeostasis and Repair:** Basal and Post Injury Responses
  - **Elizabeth Wohlfert, *University at Buffalo***
- **Leukocytes in Infections:** Conserved Versus Divergent Defenses; Lessons from Host-Pathogen Interactions
  - **Sarah Clark, *University of Colorado***
- **Comparative and Evolutionary Leukocyte Biology:** Lessons from Diverse Organisms
  - **Irene Salinas, *University of New Mexico***
- **Cross-Disciplinary Frontiers:** Imaging, Biophysics, and Computational Models
  - **Meghan Morrissey, *UC Santa Barbara***
- **Next-Gen Therapies:** Engineering Leukocytes, Cellular Therapies, and Vaccine Strategies
  - **Kristy Ainslie, *University of North Carolina***

Member led Special Interest Group Satellites  
 Professional Development Workshop Dinner  
 Engagement and Enrichment breakfast and networking  
 Poster Sessions  
 Trainee Flash Talks  
 Undergraduate Posters  
 Merit Awards for all career and education levels

Abstract submissions on the above topics AND ALL recent advances will be accepted. There are many award opportunities for merit recognition as well as need-based grant travel support.