6th Annual Mass Cytometry Summit

Agenda

8:30 Registration: Museum of Science, Welcome Hall
Continental Breakfast: Washburn Pavilion, Lower Level

9:30 Welcoming Remarks
Gary Impey, PhD—Fluidigm
Cahners Theater, Blue Wing Level 2

The Translation of Mass Cytometry

Ruth R. Montgomery, PhD—Yale School of Medicine

10:15 Interrogating Dysregulated Cytokine-Signaling Networks in Myeloproliferative Neoplasms
Stephen Oh, MD, PhD—Washington University

10:45 Coffee Break

New Applications

11:15 A Mass Cytometry Surrogate for Light Scatter
Adeeb Rahman, PhD—Icahn School of Medicine at Mount Sinai

11:35 Dynamics of T Lymphocyte Fate Specification Revealed by Tracing Cell Proliferative History
Zinaida Good, PhD—Stanford University

11:55 Extensive Characterization of Autoreactive CD8 T Cells in Type 1 Diabetes
Alice Wiedeman, PhD—Benaroya Research Institute

12:15 Lunch
Washburn Pavilion
Best Practices

1:15 Standardization and Quality Control for Studies of Human Samples
Katja Kleinsteuber, PhD—Dana-Farber Cancer Institute

1:35 Panel Design Optimization through the Designed Distribution of Signal Interference
Bill O’Gorman, PhD—Genentech

1:55 Computational Strategies for Mass Cytometry Data Analysis
Nikolay Samusik, PhD—Stanford University

2:10 A New Analytic Approach for Live Singlet Identification
Bruce Bagwell, MD, PhD—Verity Software House

2:25 Cytobank Solutions
Vinko Tosevski, PhD—University of Zurich

2:45 Coffee Break

Panel Discussion

3:15 Meeting the Challenge of Integrating Mass Cytometry at Your Institution
Jonathan Irish, PhD—Vanderbilt University (Moderator)
John Daley, BS—Dana-Farber Cancer Institute
Ruth R. Montgomery, PhD—Yale School of Medicine
Mike Leipold, PhD—Stanford University
Carina Torres, BS—Eli Lilly
Mike Lee, MS—University of California, San Francisco

On the Horizon

4:00 pm Mass Cytometry Meets Tissue Imaging
Rob Ellis, PhD—Fluidigm

4:15 pm Topographic Analysis of the Tumor Ecosystem Using Imaging Mass Cytometry
Denis Schapiro, PhD—University of Zurich

4:45 Closing Remarks
Gary Impey, PhD—Fluidigm

5:00 Cocktail Reception
The Washburn Pavilion

7:00–9:00 Museum of Science
Free Admission for Summit Attendees