



MAY 30 | DENVER, CO

# Scaling to New Dimensions: Advances with Cytometry and Spatial Biology

Time	Topic	Speaker
8:00 am	<b>Registration and breakfast</b>	
9:00 am	<b>Welcome</b>	
9:10 am	Assessing Therapy Resistance with Mass Cytometry Profiling of CTCs in Lung Cancer Liquid Biopsies	<b>Loukia Karacosta, PhD</b> Assistant Professor Department of Cancer Systems Imaging, Division of Diagnostic Imaging, The University of Texas MD Anderson Cancer Center
9:40 am	Uncovering Multi-Omic Spatial Signatures in a Pancreatic Cancer Cohort	<b>Hartland Jackson, PhD</b> Lunenfeld-Tanenbaum Research Institute, Sinai Health
10:10 am	<b>Break – poster/vendor</b>	
10:40 am	Taking CyTOF XT to New Heights with the Next Evolution in Mass Cytometry	<b>Standard BioTools</b>
10:50 am	Can an Assay of Immunological History and Competence Predict Clinical Response?	<b>Holden Maecker, PhD</b> Professor of Microbiology and Immunology Director of the Human Immune Monitoring Center, Stanford University
11:20 am	Unlocking New Views and Novel Applications in Spatial Biology with Imaging Mass Cytometry	<b>Standard BioTools</b>
11:30 am	Multiparameter Quantitative Analysis of Cells in Brain Tissues	<b>Rebecca Ihrie, PhD</b> Visiting Professor, Pediatrics-Neurology University of Colorado Denver – Anschutz Medical Campus
12:00 pm	<b>Lunch</b>	
1:00 pm	Seeking, Identifying and Targeting Clinically Significant Cells with Cytometry and Machine Learning Tools	<b>Jonathan Irish, PhD</b> Principal Investigator, Pediatrics-Neurology University of Colorado Denver – Anschutz Medical Campus
1:40–3:00 pm	<b>Flow Cytometry Breakout Session</b> <i>Topics coming soon!</i>	<b>Spatial Biology Breakout Session</b> <i>Topics coming soon!</i>
3:00 pm	<b>Break</b>	
3:30 pm	Harnessing Multi-Omic Technologies to Predict Liver Transplant Rejection	<b>Arianna Barbetta, MD, PhD</b> Graduate Research Assistant, University of Southern California
3:50 pm	Predictive AI for Multi-Omic and High-Dimensional Data Sets	<b>Julien Hédou, MS</b> CEO and Co-Founder, Surge
4:20 pm	<b>Panel I Keeping Up With Omics: Current Approaches to Integrate and Interpret Multi-Dimensional Data</b>	
4:50 pm	<b>Closing</b>	
5:00–10:00 pm	<b>Reception</b>	



Register at [cytofsummit2025.eventbrite.com](https://cytofsummit2025.eventbrite.com)

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