



Uncharted Biology Revealed.

Multiplex Single-Cell Proteomic Technologies Symposium

Sponsored by Standard BioTools™

Monday, June 17

Marriott Marquis, San Francisco, CA

Time	Topic	Speaker
9:00 am	Welcome	David King, PhD SVP, Global Research and Development, Standard BioTools Wendy Fantl, PhD Head, Systems-Level Translational Discovery, Discovery Sciences, Biomedical Research, Novartis
9:30 am	Assessing Global Immune Competence Using CyTOF®	Holden Maecker, PhD Professor of Microbiology and Immunology, Director of the Human Immune Monitoring Center, Stanford University
10:00 am	Integration of Comprehensive Multi-Omic Strategies for Improved Clinical Trial Insights	Helen McGuire, PhD Senior Lecturer, School of Medical Sciences, University of Sydney
10:30 am	Superior Resolution of Intracellular Markers With CyTOF Reveals Greater Functional Diversity of Human T Cells	Jennifer Snyder-Cappione, PhD Assistant Professor, Virology, Immunology & Microbiology, Boston University
11:00 am	Break	
11:15 am	Imaging Mass Cytometry™ in Preclinical Studies of Lung Cancer (Virtual)	Febe van Maldegem, PhD Group Leader, Department of Molecular Cell Biology and Immunology, Amsterdam University Medical Center
11:45 am	Novel Single-Cell Technologies Advance Our Mechanistic Understanding of Muscle Stem Cell Function in Skeletal Muscle Regeneration	Emelinda Porpiglia, PhD Tenure Track Assistant Professor, Department of Biomedicine, Aarhus University
12:15 pm	From Bench to Bedside: Practical Considerations for Translational Studies Using Single-Cell Mass Cytometry	Ina Annelies Stelzer, PhD Assistant Professor, University of California, San Diego
12:45 pm	Lunch pickup	

Time	Topic	Speaker
1:15 pm	Developing Predictive Biomarkers for Endometrial Cancer Immunotherapy With Mass Cytometry	Katherine Fuh, MD, PhD Associate Professor, Director of Basic and Translational Research, University of California, San Francisco
1:45 pm	From Bench to Bedside: Practical Considerations for Translational Studies Using Single-Cell Mass Cytometry, continued	Brice Gaudillière, MD, PhD Associate Professor of Anesthesiology, Perioperative and Pain Medicine, Stanford University
2:15 pm	Spatially Resolved Immune Exhaustion Within the Alloreactive Microenvironment Predicts Liver Transplant Rejection	Juliet Emamaullee, MD, PhD Associate Professor of Surgery and Immunology; Associate Chief, Division of Clinical Research, Department of Surgery, University of Southern California Keck School of Medicine
2:45 pm	Break	
3:00 pm	Spatial Quantification of Cellular Metabolism in Tissues by Metabolic Regulome Profiling	Sven Truxa, PhD Hartmann Lab, Deutsches Krebsforschungszentrum (DKFZ)
3:30 pm	Keynote: Revealing Uncharted Biology With Single-Cell Multiplex Proteomic Technologies	Wendy Fantl, PhD Head, Systems-Level Translational Discovery, Discovery Sciences, Biomedical Research, Novartis
4:15 pm	Future Horizons: Advancing Multiplex Cytometry and Imaging Technologies for Clinical Applications	Brad Nelson, PhD Scientific Co-Director, Immunotherapy Program, BC Cancer; Professor, Biochemistry and Microbiology, University of Victoria; Professor, Medical Genetics, University of British Columbia Garry Nolan, PhD Rachford and Carlota A. Harris Professor, Department of Pathology, Stanford University School of Medicine Brice Gaudillière, MD, PhD Associate Professor, Stanford University
5:15 pm	Closing remarks	
5:30–6:30 pm	Cocktails and networking The View Lounge – Marriott Marquis rooftop	

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