

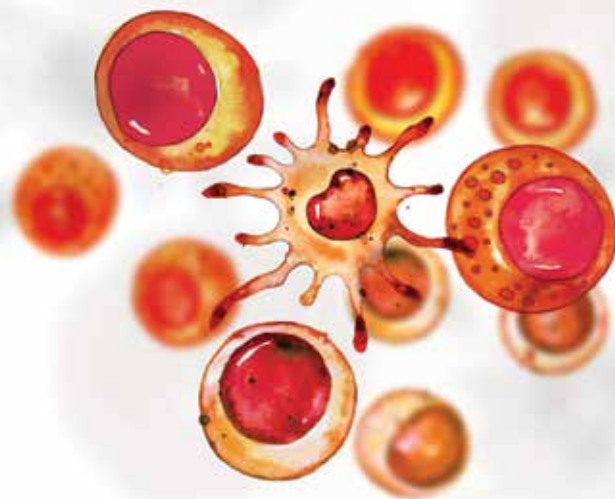


# 7th Annual Mass Cytometry Summit

Friday, April 27, 2018, Prague

Researchers around the world are powering new breakthroughs in health and disease using mass cytometry, resulting in over 130 peer-reviewed publications in 2017 alone.

Join us the day before **CYTO® 2018** for presentations by some of these scientists, who will share how mass cytometry brought them new insights and advanced their basic and translational research. Learn about the latest scientific methods, best practices, new applications and reagents. Network with colleagues and make new connections.



Reserve your spot now—  
space is limited.

Registration is **free of charge**.

[fluidigm.com/MCsummit18](http://fluidigm.com/MCsummit18)

## AGENDA

8:00	<b>Registration</b> Continental Breakfast	10:00	<b>Coffee Break</b>
8:45	<b>Welcoming Remarks</b> Chris Linthwaite, President and CEO, Fluidigm	10:15	<b>Mapping the Human Immune Response to Normal and Pathological Pregnancies</b> Brice Gaudillière, MD, PhD, Stanford University School of Medicine
	<b>TRANSLATING MASS CYTOMETRY</b>	10:45	<b>Advancing Human Systems Immunology</b> Petter Brodin, MD, PhD, Karolinska University Hospital
9:00	<b>Using Cell Signaling Pathways to Assess Immune Cell Dysfunction</b> Stephen Rapecki, PhD, UCB Celltech		<b>NOVEL APPLICATIONS</b>
9:30	<b>Epigenomic-Guided Mass Cytometry Profiling Reveals Disease-Specific Features of Exhausted CD8 T Cells</b> Bertram Bengsch, MD, PhD, University Medical Center Freiburg	11:15	<b>Unraveling Human Microglial Heterogeneity by Multiplexed Mass Cytometry</b> Chotima Böttcher, PhD, Charité—University Medicine Berlin

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	<b>NOVEL APPLICATIONS (CONT'D)</b>	<b>2:50</b>	<b>Optimizing Computer-Assisted Analysis of Immune Response to High-Fat Diet in Mouse Adipose Tissue and Liver</b> Olivier Molendi-Coste, PhD, INSERM, Institut Pasteur de Lille
<b>11:35</b>	<b>Mass Cytometry for Immune Profiling in Chronic Inflammation</b> Henrik Mei, PhD, DRFZ Berlin, a Leibniz Institute		
<b>11:55</b>	<b>Advancing Human Immune Monitoring with an Innovative Panel Kit and Data Analysis Approach</b> Greg Stelzer, PhD, Fluidigm	<b>3:15</b>	<b>Coffee Break</b>
			<b>IMAGING MASS CYTOMETRY</b>
<b>12:15</b>	<b>Lunch</b>	<b>3:30</b>	<b>Empowering an Imaging Revolution in Tissue Pathology</b> Mina Lakshman, PhD, Fluidigm
	<b>BEST PRACTICES</b>	<b>3:45</b>	<b>Analysis of Tissue Ecosystems in Health and Disease by Imaging Mass Cytometry</b> Bernd Bodenmiller, PhD, University of Zurich
<b>1:15</b>	<b>New Protocols for Sample Preparation and Acquisition</b> Dmitry Bandura, PhD, Fluidigm	<b>4:15</b>	<b>Deep Phenotyping of Colorectal Cancer by High-Dimensional Mass Cytometry Reveals Tumor-Specific Immune Landscapes</b> Frits Koning, PhD, Leiden University Medical Center
<b>1:30</b>	<b>Preparing for Clinical Trials in Bergen: From Sample Collection to Data Analysis</b> Sonia Gavasso, PhD, Haukeland University Hospital, University of Bergen	<b>4:45</b>	<b>Panel Discussion: Slice or Dice? When to Image and When to Suspend Samples for CyTOF® Analysis</b> Frits Koning, PhD, Leiden University Medical Center (Moderator) Bernd Bodenmiller, PhD, University of Zurich (Panelist) Jared Burks, PhD, University of Texas MD Anderson Cancer Center (Panelist) Susanne Heck, PhD, Guy's and St Thomas' NHS Foundation Trust and King's College London (Panelist) Jonathan M. Irish, PhD, Vanderbilt University (Panelist)
<b>1:50</b>	<b>CD Maps: Tracking Antigen Expression During Human Thymic Development</b> Tomas Kalina, MD, PhD, Charles University in Prague		
	<b>DATA ANALYSIS</b>	<b>5:30</b>	<b>Closing Remarks</b> Rob Ellis, PhD, Fluidigm
<b>2:10</b>	<b>Powering Multi-Omic Translational Studies with Mass Cytometry</b> Nima Aghaeepour, PhD, Stanford University School of Medicine	<b>6:30</b>	<b>Dinner Reception</b> Francouzská Restaurace Art Nouveau
<b>2:30</b>	<b>Multidimensional View of the Innate Immune System in HIV-1-Infected Individuals</b> Antonio Cosma, PhD, CEA, Université Paris Sud		