

Swiss Cytometry Meeting 2025 - Full Program

Day 1 - Wednesday, Feb 5th

Time 9.30-11.00	Session name Registration	Time 9.30-11.00	Location: Entrance Hall, ETH main building SCM Team Registration at the Front Desk, ETH main building	
Time 11.00-11.10 11.10-13.10	Session name Opening notes Cytometry applications: immunology, cancer research, and more	Time 11.00-11.10 11.10-11.40 11.40-12.10 12.10-12.40 12.40-13.10	Location: Lecture room HG F30 (Audimax) Speaker Florian Mair Burkhard Becher Lisa Dratva Hyun-Dong Chang Manfred Kopf Title Opening notes Developing glandular tissues harbour a distinct macrophage population that is maintained by ILC2 Deciphering human T cell states and receptors with a single cell pan-infection atlas A single-cell look at microbiota and their host interaction Cytometry applications in science talk 4 - 30 min	
13.10-14.15 Lunch and Commercial exhibition 13.10-14.15 Location: Main Hall, Foyer South (HG E Süd) and Foyer North (HG E Nord)				
Time 14.15-15.30	Session name Parallel Tutorials	Time 14.15-15.30	Location: Lecture room HG F30 (Audimax) Speaker Florian Mair Title Best practices in high-dimensional spectral panel design: a step-by-step guide to success	Location: Lecture room HG D16.2 Speaker Sofie van Gassen Title Best practices in computational analysis of flow cytometry data
15.30-16.00 Coffee Break and Commercial exhibition 15.30-16.00 Location: Main Hall, Foyer South (HG E Süd) and Foyer North (HG E Nord)				
Time 16.00-16.30 16.30-18.00	Session name Young scientist and poster flash talks Parallel sessions: Imaging cytometry / Bacteria and small particle cytometry	Time 16.00-16.10 16.10-16.20 16.20-16.30 16.30-16.35 16.35-17.05 17.05-17.35 17.35-18.05	Location: Lecture room HG F30 (Audimax) Speaker Selected from abstracts Selected from abstracts Selected from abstracts César Nombela-Arrieta Karina Silina Tess Brodie Title Selected poster talk 1 - 10 minutes Selected poster talk 2 - 10 minutes Five selected poster flash talks - 2 minutes each Break to change rooms Quantitative 3D structural analysis of bone marrow tissues in health and disease Spatial analysis of lung cancer microenvironment Space: the final frontier	Location: Lecture room HG D16.2 Speaker Title Jakob Zimmermann André Görgens Thomas Gassler Title Combining gnotobiotic, immunological and cytometric tools to understand T cell responses Comparing Apples to Apples: Analysis of Extracellular Vesicles by Flow Cytometry Inducing Novel Endosymbioses by Bacterial Implantation into Fungi
18.05-19.30 Poster session and Commercial exhibition with finger food and drinks 18.05-19.30 Location: Main Hall, Foyer South (HG E Süd) and Foyer North (HG E Nord)				

Day 2 - Thursday, Feb 6th

Time 9.00-9.45 9.45-10.45	Session name Keynote lecture SCM 2025 Team work makes the dream work: Innovation through shared resource labs	Time 9.00-9.45 9.45-10.15 10.15-10.30	Location: Lecture room HG F30 (Audimax) Speaker Barbara Treutlein Gert van Isterdael Geert Minnebruggen Title Cutting Edge in single cell analysis Cutting Edge experiments enabled through a Flow Cytometry Core Facility Cultivating a Techno-Scientific Ecosystem for the future of Life Sciences	
10.45-11.15 Coffee Break and Commercial exhibition 10.45-11.15 Location: Main Hall, Foyer South (HG E Süd) and Foyer North (HG E Nord)				
Time 11.15-13.05	Session name Technology, Innovation and Vendor talk session 1	Time 11.15-11.45 11.45-12.15 12.15-12.35 12.35-13.05	Location: Lecture room HG F30 (Audimax) Speaker BD Biosciences Oliver Burton Cytek Thomas Liechti Title Premium sponsor talk FlowCodes: a flow cytometry-based platform for massive parallel in vivo screening Gold sponsor talk 1 Regulation of Immune Homeostasis and its Implications for Human Health and Diseases	
13.05-14.05 Lunch and Commercial exhibition 13.05-14.15 Location: Main Hall, Foyer South (HG E Süd) and Foyer North (HG E Nord)				
Time 14.05-15.50	Session name Technology, Innovation and Vendor talk session 2	Time 14.05-14.25 14.25-14.55 14.55-15.05 15.00-15.20 15.20-15.30 15.30-15.40 15.40-15.50	Location: Lecture room HG F30 (Audimax) Speaker Beckman Coulter Sandine Schmutz Thermo Fisher Sony Biotechnology Standard Biotech Seed Biosciences Title Gold sponsor talk 1, 20 minutes Technology/innovation talk 3 Break to change rooms Silver sponsor talk 1, 20 minutes Bronze sponsor talk 1 Bronze sponsor talk 3 Bronze sponsor talk 5	
15.50-16.15 Coffee Break and Commercial exhibition 15.50-16.15 Location: Main Hall, Foyer South (HG E Süd) and Foyer North (HG E Nord)				
Time 16.15-17.30 17.30-18.30	Session name Insights into Clinical cytometry: Clinical Cytometry Society guest session Single-cell omics: Combining cytometry, genomics and more	Time 16.15-16.45 16.45-17.30 17.30-18.00 18.00-18.30	Location: Lecture room HG F30 (Audimax) Speaker Mike Recher Michael Daskalakis Natalia Pikor Roger Geiger Title The role of flow cytometry in the diagnosis of immune deficiencies State of the Art in Cellular Therapy Defining fibroblast - immune cell interactions in lymphoid organs and beyond Decoding T Cell Cytotoxicity via Single-Cell CRISPR Screens in Droplets	
19.00-midnight Conference Networking Dinner Riithalle Location: Riithalle, Gessnerallee 8, 8001 Zürich				

Day 3 - Friday, Feb 7th

Time 9.00-10.30	Session name Cutting-edge data analysis techniques in cytometry and beyond	Time 9.00-9.30 9.30-10.00 10.00-10.30	Location: Lecture room HG F30 (Audimax) Speaker Raphael Gottardo Sophie van Gassen Judith Zaugg Title Data analysis talk 1 (general) Data analysis talk 2 (cytometry) Data analysis talk 3 (spatial)	
10.30-11.00 Coffee Break and Commercial exhibition 10.30-11.00 Location: Main Hall, Foyer South (HG E Süd) and Foyer North (HG E Nord)				
Time 11.00-12.30	Session name Neurobiology, cell therapy and more	Time 11.00-11.30 11.30-12.00 12.00-12.30	Location: Lecture room HG F30 (Audimax) Speaker Elaine Balavoine Miro Raeber TBD Title Birth-date specific plasticity of cortical neurons Interleukin-2 Immunotherapy Reveals Human Regulatory T Cell Subsets with Distinct Functional and Tissue-Homing Characteristics Immunomonitoring talk	
12.30-12.45 Wrap up of SCM 2025 12.30-12.45 Claudia Dumrese Closing notes				