

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, entrance floor	
Location: Lecture room HG F30 (Audimax)				
Time 11.00-11.10	Session name Opening notes	Time 11.00-11.10	Speaker Florian Mair	Title Opening notes
Time 11.10-13.10	Session name Cytometry applications: immunology, microbiota, and more Session chair: Florian Mair	Time 11.10-11.40	Speaker Burkhard Becher	Title Developing glandular tissues harbour a distinct macrophage population that is maintained by ILC2
		Time 11.40-12.10	Speaker Lisa Dratva	Title Deciphering human T cell states and receptors with a single cell pan-infection atlas
		Time 12.10-12.40	Speaker Hyun-Dong Chang	Title A single-cell look at microbiota and their host interaction
		Time 12.40-13.10	Speaker Manfred Kopf	Title The heterogeneity and functions of lung myeloid cells during respiratory viral infection
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)				
Location: Lecture room HG F30 (Audimax)				
Time 14.15-15.30	Session name Parallel Tutorials	Time 14.15-15.30	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)				
Location: Lecture room HG F30 (Audimax)				
Time 16.00-16.30	Session name Young scientist and poster flash talks Session chair: Claudia Dumrese	Time 16.00-16.10	Speaker Selected from abstracts	Title Selected poster talk 1 - 10 minutes
		Time 16.10-16.20	Speaker Selected from abstracts	Title Selected poster talk 2 - 10 minutes
		Time 16.20-16.30	Speaker Selected from abstracts	Title Five selected poster flash talks - 2 minutes each
		Time 16.30-16.35		Title Break to change rooms
Time 16.30-18.00	Session name Parallel sessions: Imaging cytometry / Bacteria and small particle cytometry Session chair: Claudia Dumrese / Philipp Schätzle	Time 16.35-17.05	Speaker César Nombela-Arrieta	Title Quantitative 3D structural analysis of bone marrow tissues in health and disease
		Time 17.05-17.35	Speaker Karina Silina	Title Spatial analysis of lung cancer microenvironment
		Time 17.35-18.05	Speaker Tess Brodie	Title Space: the final frontier
			Location: Lecture room HG D16.2	
			Speaker Jakob Zimmermann	Title Combining gnotobiotic, immunological and cytometric tools to understand T cell responses to
			Speaker André Görgens	Title Comparing Apples to Apples: Analysis of Extracellular Vesicles by Flow Cytometry
			Speaker Thomas Gassler	Title 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	Session name Keynote lecture SCM 2025	Time 9.00-9.45	Speaker Barbara Treutlein	Title Understanding human organoid development with single-cell technologies
Time 9.45-10.45	Session name Team work makes the dream work: Innovation through shared resource labs Session chair: Miguel Garcia	Time 9.45-10.15	Speaker Geert Minnebruggen	Title Cultivating a Techno-Scientific Ecosystem for the future of Life Sciences
		Time 10.15-10.45	Speaker Gert van Isterdael	Title Cutting Edge experiments enabled through a Flow Cytometry Core Facility
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)				
Location: Lecture room HG F30 (Audimax)				
Time 11.15-13.05	Session name Technology, Innovation and Vendor talk session 1 Session chair: Malgorzata Kisielow	Time 11.15-11.45	Speaker Mark Dessing	Title Premium sponsor talk BD
		Time 11.45-12.15	Speaker Oliver Burton	Title FlowCodes: a flow cytometry-based platform for massive parallel in vivo screening
		Time 12.15-12.35	Speaker Cytek	Title Gold sponsor talk 1
		Time 12.35-13.05	Speaker Thomas Liechti	Title 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)				
Location: Lecture room HG F30 (Audimax)				
Time 14.05-15.50	Session name Technology, Innovation and Vendor talk session 2 Session chair: Jean-Francois Mayol/Telma Lopes	Time 14.05-14.25	Speaker Beckman Coulter	Title Gold sponsor talk 1, 20 minutes
		Time 14.25-14.55	Speaker Sandrine Schmutz	Title From small particles to high dimensional analysis: various applications on the Bigfoot spectral sorter
		Time 14.55-15.05		Title Break to change rooms
		Time 15.00-15.20	Speaker Thermo Fisher	Title Silver sponsor talk 1, 20 minutes
		Time 15.20-15.30	Speaker Sony Biotechnology	Title Bronze sponsor talk 1
		Time 15.30-15.40	Speaker Standard Biotoools	Title Bronze sponsor talk 3
		Time 15.40-15.50	Speaker Seed Biosciences	Title 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)				
Location: Lecture room HG F30 (Audimax)				
Time 16.15-17.30	Session name Insights into Clinical cytometry: Clinical Cytometry Society guest session Session chair: Jan Dirks	Time 16.15-16.45	Speaker Mike Recher	Title The role of flow cytometry in the diagnosis of immune deficiencies
		Time 16.45-17.30	Speaker Michael Daskalakis	Title State of the Art in Cellular Therapy
Time 17.30-18.30	Session name Single-cell omics: Combining cytometry, genomics and more Session chair: Thomas Horn	Time 17.30-18.00	Speaker Natalia Pikor	Title Defining fibroblast - immune cell interactions in lymphoid organs and beyond
		Time 18.00-18.30	Speaker Roger Geiger	Title Decoding T Cell Cytotoxicity via Single-Cell CRISPR Screens in Droplets
			Location: Lecture room HG D16.2 - Clinical Diagnostics Session (SCS)	
			Speaker Paula Fernandez	Title Bridging Expertise: Collaborative Flow Cytometry for Enhanced Patient Diagnostics
			Speaker Claudia Anderegg	Title Double Trouble: Tackling a Complex Non-Hodgkin-Lymphoma Case.
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 Session chair: Tatiana Gorski	Time 9.00-9.30	Speaker Raphael Gottardo	Title Scaling Up Cancer Research: Cells, Patients, and Unprecedented Resolution
		Time 9.30-10.00	Speaker Sophie van Gassen	Title Applications of computational cytometry
		Time 10.00-10.30	Speaker Judith Zaugg	Title Integrate genetic and non-genetic factors for understanding disease mechanisms
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)				
Location: Lecture room HG F30 (Audimax)				
Time 11.00-12.30	Session name Late breaking session: Data integration, Cell therapy, and Neurobiology Session chair: Sarah Cattin	Time 11.00-11.30	Speaker Florian Ingelfinger	Title CytoVI: Deep Generative Modeling of Antibody-Based Single Cell Technologies
		Time 11.30-12.00	Speaker Miro Raeber	Title Interleukin-2 Immunotherapy Reveals Human Regulatory T Cell Subsets with Distinct Functional and Tissue-Homing Characteristics
		Time 12.00-12.30	Speaker Elaine Balavoine	Title Birth-date specific plasticity of cortical neurons
Time 12.30-12.45	Session name Wrap up of SCM 2025	Time 12.30-12.45	Speaker Claudia Dumrese	Title Closing notes