



AGENDA

European CyTOF Day

23–24 October 2023 | Ospedale Pediatrico Bambino Gesù | Roma, Italy

Monday 23 October

Speakers and topics (auditorium)	Time
Coffee and registration	09:00
 Introduction Franco Locatelli Ospedale Pediatrico Bambino Gesù	10:30
 Welcome from Standard BioTools Michael Egholm, PhD Standard BioTools™	10:40
 Systems-Level Immunomonitoring in Human Patients Petter Brodin, PhD Professor of Pediatric Immunology, Karolinska Institute	10:55
 Introduction to CyTOF XT™ Glória Martrus, PhD Standard BioTools	11:25
 A Multidimensional Journey From CyTOF® to CyTOF XT Antonio Cosma, PhD Head of the National Cytometry Platform, Luxembourg Institute of Health	11:55
 Computational Approaches and Mass Cytometry to Study Intestinal Immune-Mediated Disorders Vincent van Unen, PhD Assist. Prof. in Immunology, Leiden University Medical Center	12:25

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Monday 23 October

Speakers and topics (auditorium)	Time
 <p>Stromal Regulation of Patient-Derived Organoid Drug Responses María Ramos, PhD Postdoctoral Fellow, University College London</p>	12:55
Lunch	13:25
 <p>Human Thymic Development: Interactive Interrogation of the Topology of High-Dimensional Single-Cell Datasets Tomas Kalina, MD, PhD Professor of Medical Immunology, Charles University</p>	14:30
 <p>Tellurium-Based Labeling of the Extracellular Vesicle Proteome (TeLEV) Enables High-Dimensional Single-Cell Analyses of EV Recipients by Mass Cytometry Daniel Bachurski, PhD Physician Scientist, University of Cologne</p>	15:00
 <p>Regulatory T Cells in Bone Marrow Failure Syndromes: Friend or Foe? Shahram Kordasti, MD, PhD Reader and Group Leader in Applied Cancer Immunology, King's College London</p>	15:30
 <p>Mass Cytometry-Based Patient Stratification in Chronic Inflammation and Infection Henrik Mei, PhD Scientific Head of Mass Cytometry, Deutsches Rheuma-Forschungszentrum</p>	16:00
 <p>Immune Profiles in AHSCT in Multiple Sclerosis Sonia Gavasso, PhD Senior Researcher, University of Bergen</p>	16:30
Aperitivo	17:00

Tuesday 24 October

Speakers and topics (room))	Time
Coffee and registration	08:30
 Introduction Andrea Onetti Muda, MD, PhD Scientific Director, Ospedale Pediatrico Bambino Gesù	09:30
 Highly Multiplexed Tissue Imaging Towards Precision Medicine Bernd Bodenmiller, PhD Director, Department of Quantitative Biomedicine, University of Zurich	09:40
 Introduction to the Hyperion XTi™ Imaging System and IMC™ Updates Roberto Spada, PhD Standard BioTools	10:10
 Exploiting Mass Cytometry for the Immunophenotyping and the Spatial Inter- and Intra-Tumor Heterogeneity of Paediatric-Type Diffuse High-Grade Gliomas Mara Vinci, PhD Principal Investigator, Ospedale Pediatrico Bambino Gesù	10:25
 Hyperion™, an Open Gate to an Unlimited Number of Application Domains Requires Rigorous Experimental Strategy and Methodology Patrice Hémon, PhD Research Engineer, University of Brest	10:55
 TBD Yann Abraham, PhD Associate Scientist Director, Janssen Pharmaceutical Companies	11:25
Lunch	12:05

Tuesday 24 October

Speakers and topics (room)	Time
 <p>Development of the Human Fetal Immune System Frits Koning, PhD Professor Emeritus in Immunology, Leiden University Medical Center</p>	13:30
 <p>Multi-Modal Molecular Characterization of the Tumor Microenvironment – Where We Are and Where We Need to Go Dario Bressan, PhD Head of IMAXT Laboratory, Cancer Research UK</p>	14:00
 <p>Single-Cell Metabolic States in Cifferent Phenotypic Identity: a New Lens to Understand Human Disease Andrea Cossarizza, MD, PhD Full Professor of Pathology and Immunology, Università degli Studi di Modena e Reggio Emilia</p>	14:30
 <p>Multimodal Imaging Analysis of the Tumor Microenvironment in Pancreatic Cancer Marco Erreni, PhD Adjunt Professor, Humanitas University</p>	15:00



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