

Cytometry 2018

Life in Focus.

28th Annual Conference of the
German Society for Cytometry

Friedrich-Schiller-University // Carl-Zeiss-Straße 3

September
19-21 //
2018
in Jena

Wednesday // September 19

PRE-CONFERENCE TUTORIALS

09:00 am - 12:00 pm	Presentation and demonstration of flow cytometers	Nico Andreas // Institute of Immunology, Jena	Institute of Immunology
11:00 am - 12:00 pm	Raman microspectroscopy - a new tool for cultivation-free pathogen identification	Petra Rösch // Institute for Physical Chemistry, Jena	Institute for Physical Chemistry
12:00 pm - 01:00 pm	WELCOME & REGISTRATION		Foyer // Friedrich Schiller University
01:00 pm - 02:30 pm	<u>NANOTECHNOLOGY SESSION</u>		Lecture Hall 3 // Friedrich Schiller University
	Molecular imaging of cancer cells with ultra-small 5nm gold nanoparticles		Konstantin Sokolov // M. D. Anderson Cancer Center, Houston
	tba		
	tba		
02:30 pm - 03:30 pm	<u>PRODUCT SLAM</u>		Lecture Hall 3 // Friedrich Schiller University
03:30 pm - 04:30 pm	COFFEE BREAK & INDUSTRY SESSION		Foyer // Friedrich Schiller University
04:30 pm - 06:00 pm	<u>CUTTING EDGE SESSION</u>		Lecture Hall 3 // Friedrich Schiller University
	Light sheet for the masses		Emmanuel Reynaud // University College Dublin
	tba		
	tba		
06:00 pm - 07:00 pm	<u>KEYNOTE</u>		Lecture Hall 3 // Friedrich Schiller University
	Sepsis - changing the paradigm		Michael Bauer // University Hospital Jena
07:00 pm - 10:00 pm	WELCOME RECEPTION AT INDUSTRY EXHIBITION		Foyer // Friedrich Schiller University
07:00 pm - 08:00 pm	TUTORIAL (postponed from 11:00 am)		
	Scientific publication with special aspects for Cytometry Part A	Attila Tárnok // University of Leipzig	Seminar Room 113 // Friedrich Schiller University
08:00 pm - 10:00 pm	<u>CORE FACILITY NETWORKING EVENT</u>		Seminar Room 113 // Friedrich Schiller University
	Users sorting on high speed sorters in a shared resource environment: effects of a well balanced sorter training		Claudia Dumrese // University of Zurich
	Open IRIS - an open source resource management tool implemented at the University of Mainz		Stefanie Bürger // Institute of Molecular Biology, Mainz
	Messenger apps facilitate group communication: introduction to Slack		Christian Kukat // Max Planck Institute for Biology of Ageing, Cologne

Thursday // September 20

09:00 am - 10:30 am	<u>NEW! Core Facility Session: Reproducibility in Flow Cytometry</u>	Lecture Hall 3 // Friedrich Schiller University
	Validation and Standardization of flow cytometry based immune monitoring in clinical trials	Mathias Streitz // Institute for Medical Immunology, Charité Berlin
	A novel method for flow cytometer characterization by determination of detector background, signal-to-noise, and dynamic range	Claudia Giesecke-Thiel // German Rheumatism Research Centre, Berlin
	Minimal requirements for the presentation of flow cytometry data	Steffen Schmitt // German Cancer Research Center, Heidelberg
	cytometry.de - the communication platform of the DGfZ	Elmar Endl // Medical Faculty University Bonn
10:30 am - 11:00 am	COFFEE BREAK & POSTER SESSION	Foyer // Friedrich Schiller University
11:00 am - 12:30 pm	<u>EUROPEAN GUEST SESSION: HUNGARY</u>	Lecture Hall 3 // Friedrich Schiller University
	Immunophenotyping of treatment naive patients with systemic autoimmune diseases by single cell mass cytometry	Gábor Szebeni // Hungarian Academy of Sciences, Budapest
	Targeting the HER2 oncoprotein: lessons learned from quantitative cytometry	György Vereb // University of Debrecen
	The effect of microenvironmental factors on the development of myeloma cells	Gábor Barna // Semmelweis University, Budapest
12:30 pm - 01:30 pm	POSTER PITCH & POSTER SESSION	Lecture Hall 3 // Friedrich Schiller University
01:30 pm - 02:30 pm	LUNCH & POSTER SESSION	Foyer // Friedrich Schiller University
02:30 pm - 04:00 pm	<u>KLAUS-GOERTTLER-SESSION</u>	Lecture Hall 3 // Friedrich Schiller University
	Deformability cytometry and 1D fluorescence imaging in real-time	Philipp Rosendahl // Biotechnology Center TU Dresden
	NKT cells promote alternative cross-priming in two distinct phases	Christoph Heuser // Technical University of Munich
	Alternative Splicing: An alternative level of NLRP3 inflammasome regulation	Florian Hoss // University of Bonn
	Metabolic Regulation of ILC Mediated Barrier Protection and Pathology	Christoph Wilhelm // University Hospital Bonn
04:00 pm - 05:00 pm	POSTER SESSION	Foyer // Friedrich Schiller University
05:00 pm - 06:00 pm	GUEST LECTURE	Lecture Hall 3 // Friedrich Schiller University
	Early precursors of fluorescence cytometry: foundation of cell theory and fluorescence microscopy	Timo Mappes // Deutsches Optisches Museum
06:00 pm - 07:30 pm	MEMBERS ASSEMBLY	Lecture Hall 3 // Friedrich Schiller University
07:30 pm - 11:00 pm	SOCIAL EVENT & CONFERENCE DINNER	ZEISS Planetarium

Friday // September 21

09:30 am - 11:00 am	<u>MICROBIOLOGY SESSION</u>	Lecture Hall 3 // Friedrich Schiller University
	Raman spectroscopic cytometry for the detection and characterization of bacterial infection	Ute Neugebauer // Leibniz IPHT, Jena
	tba	
	tba	
11:00 am - 11:30 am	COFFEE BREAK	Foyer // Friedrich Schiller University
11:30 am - 01:00 pm	<u>MICROSCOPY SESSION</u>	Lecture Hall 3 // Friedrich Schiller University
	histoCAT: analysis of cell phenotypes and interactions in multiplex image cytometry data	Denis Schapiro // University of Zurich
	Super-resolution microscopy: Challenges and Potentials in biomedical research	Christian Eggeling // Leibniz IPHT, Jena
	tba	
01:00 pm - 02:00 pm	FAREWELL & SNACKS	Foyer // Friedrich Schiller University