



The Leading Edge in Cytometry

Scientific organizer: Ann Atzberger

22-23 September 2016

Venue: Max Planck Institute for Heart and Lung Research

The Leading Edge in Cytometry program day 1		
22 September 2016		
09:00-09:40	Registration	
09:40-10:00	<i>Welcome and Introduction</i>	Director - Max Planck Institute for Heart and Lung Research. Bad Nauheim.
10:00-10:30	<i>Muscle stem cells high order chromatin organization in physiological and pathophysiological conditions</i>	Angelina Georgieva - Max Planck-Institute for Heart and Lung Research. Bad Nauheim.
10:35-11:15	<i>Hematopoietic and mesenchymal stem cells: polymeric nanoparticle uptake and lineage differentiation</i>	Volker Mailänder - Max Planck Institute for Polymer Research. Mainz.
11:20-11:55	Coffee break and exhibition	
12:00-12:40	<i>Keynote Speaker: Hyun-Dong Chang Analyzing immunological memory by flow cytometry</i>	President German Cytometry Society (DGfZ) Deutsches Rheuma-Forschungszentrum (DRFZ). Berlin.
12:45-13:45	Lunch	
	SESSION DepArray	
13:45-14:25	DEPArray: from heterogeneous tissues to pure single cells	Hichem Gallala - Silicon Biosystems.
14:30 - 15:10	<i>Isolation and molecular characterization of Circulating Tumor Cells</i>	Rui Neves - University Hospital Düsseldorf.
15:15 - 15:55	Coffee break and exhibition	
	SESSION Innovations	
16:00-16:30	<i>The role of autonomic innervation in endocrine pancreas development and function: Insights from the zebrafish</i>	Carol Yang - Max Planck-Institute for Heart and Lung Research. Bad Nauheim.
16:35-17:25	<i>Innovative Solutions for Single cell transcriptomics and NGS library preparations</i>	Wieland Keilholz - BD Life Sciences.

Exhibits Open

17:25		End of day one
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The Leading Edge in Cytometry program day 2		
23 September 2016		
		SESSION: Mass Spec Cytometry
09:30-10:10	<i>Discovery and Functional Profiling with Mass Cytometry Single-Cell Proteomics</i>	Andrius Serva – Fluidigm.
10:15-10:55	<i>Single cell profiling in chronic-inflammatory rheumatic diseases: The hype, hope and reality for new immunophenotypic biomarkers</i>	Andreas Grützkau - Deutsches Rheuma-Forschungszentrum (DRFZ). Berlin.
11:00-11:30	Coffee break and Exhibition	
11:35-12:15	<i>Mass cytometry: implementation of visualization and analysis strategies</i>	Antonio Cosma - CEA –iMETI/ (IMVA). France.
12:20 – 12:50	<i>Education and Networking in Cytometry</i>	Elmar Endl - IMM, University Hospital Bonn.
12:55 – 13:55	Lunch	
	Session	
14:00-14: 20	<i>GPCR expression in neuroinflammation: A comparative analysis on the single cell level</i>	Denise Tischner - Max Planck Institute for Heart and Lung Research. Bad Nauheim.
14:25 -15:35	<i>Single-cell printing</i>	Andre Gross - Institut für Mikrosystemtechnik Freiburg University. Freiburg.
15:40: 16:20	<i>Evaluating viability and morphology of filamentous fungi using large-particle flow cytometry</i>	Ehgartner Daniela - Vienna University of Technology
	Departure	

To register:

<http://flowise-scientific.com/meetings>

Meeting sponsors:

BD Biosciences
DepArray silicon Biosystems
Union Biometrica
Fluidigm

Meeting venue:

Max Planck Institute for Heart and Lung Research

W.G. Kerckhoff Institute

For more information please contact us:

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