

Multicellular organisms in microfluidic systems

Symposium Latsis EPFL 2016

14th – 16th november 2016, EPFL (Salle Polyvalente) – Lausanne, Switzerland

<http://latsis2016.epfl.ch>

The 2.5-day Latsis Symposium wants to bridge the gap between microfluidic systems and biological model organism research, by providing an interdisciplinary forum on the technology and applications of microfluidic systems for studies of multicellular organisms in medicine and biology. Invited and Contributed Presentations cover the topics of microfluidic technologies, organism (neuro-)biology, on-chip manipulation and imaging, development studies, screening, and in vivo diagnostic applications.

SPEAKERS:

Adela Ben-Yakar, University of Texas, Austin, USA

David Biron, Department of Physics, The University of Chicago, Chicago, Illinois, USA

Henrik Bringmann, Max Planck Institute for Biophysical Chemistry, Goettingen, Germany

Sreekanth Chalasani, Salk Institute, California, USA

Nikos Chronis, College of Engineering, University of Michigan, USA

Matteo Cornaglia, Laboratory of Microsystems, EPFL, Lausanne, Switzerland

Andrew deMello, Institute for Chemical & Bioengineering, Department of Chemistry & Applied Biosciences, ETH Zürich, Switzerland

Andrew Dillin, University of California, Berkeley, USA

Christopher Fang-Yen, Department of Neuroscience, Perelman School of Medicine, University of Pennsylvania, USA

Bhagwati Gupta, Department of Biology, McMaster University, Hamilton, Canada

Erel Levine, Department of Physics, Harvard University, Cambridge, Massachusetts, USA

Shawn Lockery, Institute of Neuroscience, University of Oregon, USA

Hang Lu, School of Chemical & Biomolecular Engineering, Georgia, USA

Coleen T. Murphy, Department of Genomics and Molecular Biology & Glenn Center for Quantitative Aging Research, Princeton University, NJ, USA

Aravinthan Samuel, Department of Physics & Center for Brain Science, Harvard University, Cambridge, Massachusetts, USA

Michael Unser, Biomedical Imaging Group, EPFL, Lausanne, Switzerland

ORGANISERS:

Johan Auwerx, Laboratory of Integrative and Systems Physiology, EPFL, Lausanne, Switzerland

Martin Gijs, Laboratory of Microsystems, EPFL, Lausanne, Switzerland

Registration is mandatory, see fees information on web site.

Registration deadline: **October 31st, 2016**