

Symposium on “Mechanisms in Multicellularity or Tissue Regulation“

Tuesday, January 8, 2019, 09:30h

Friedrich Miescher Institute for Biomedical Research
Maulbeerstrasse 66, Basel, Room 5.30

09:30 – 10:00	Mechano-molecular control of morphogenetic synchronisation Elias Barriga, Department of Cell and Developmental Biology, University College London, London, UK
10:00 – 10:30	In toto imaging and dynamic reconstruction of post-implantation mouse development at the cellular level using light-sheet microscopy Kate McDole, HHMI Janelia Research Campus, Ashburn, USA
10:30 – 11:00	Coffee Break
11:00 – 11:30	Revealing quantitative dynamics of branching morphogenesis using intravital microscopy Colinda Scheele, Netherlands Cancer Institute, Amsterdam, The Netherlands
11:30 – 12:00	Human organoid models for therapeutic discovery: <i>using brain organoids to find a therapy for treating congenital ZIKA virus syndrome</i> Veronica Krenn, Institute of Molecular Biotechnology (IMBA), Vienna, Austria
12:00 – 13:00	Lunch
13:15 – 13:45	Cellular and molecular basis of metaplasia and carcinogenesis at mucosal transition zones Cindrilla Chumduri, Department of Hepatology and Gastroenterology, Charité University Medicine, Berlin, Germany
13:45 – 14:15	The tuft cell – ILC2 circuit in intestinal tissue homeostasis Christoph Schneider, Department of Medicine & Howard Hughes Medical Institute, UCSF, San Francisco, USA
14:15 – 14:45	Weaving an embryo’s brain: glia-neuron crosstalk paves the way to circuit assembly Georgia Rapti, Laboratory of Developmental Genetics, The Rockefeller University, New York, USA
