



Research Day of the Microscopy Imaging Center



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UNIVERSITÄT
BERN

Date Wednesday July 3, 2019, from 12.30 to 18.00
Location Gemeinschaftshörsaal, Gertrud-Woker-Str. 5, 3012 Bern
Registration www.mic.unibe.ch/Researchday.php
Approved for 0.5 day credit for continued education in animal experimentation

12:00	Registration	
12:30	Welcome by	Ruth Lyck <i>coordinator of the MIC</i>
12:35	Nicolas Thomas <i>Space Research & Planetary Sciences, UniBE</i>	Mars: Up close and personal
12:55	Christian Zuppinger <i>DBMR, Cardiology, UniBE</i>	Quantitative analysis of cardiac spheroids using video microscopy with affordable equipment
13:15	Stefan Tschanz <i>Institute of Anatomy, UniBE</i>	Towards Objective High Speed Video Microscopy of Ciliary Motility
13:35	Coralie Dessauges <i>Institute of Cell Biology, UniBE</i>	A high throughput optogenetic system to interrogate MAPK signaling network dynamics at the single cell level
13:55	Guillaume Witz <i>Science IT Support, UniBE</i>	Image processing support at MIC
14:10	Rafael Kurtz <i>LaVision BioTec GmbH</i>	3D inspection of whole organs and imaging in deep tissue layers by light-sheet and multiphoton microscopy
14:25	Farewell of Marlene Wolf and Marisa Moser	
14:30	Coffee Break in Mensa Bühlplatz	
15:15	Oggie Golub <i>ThermoFisher Scientific</i>	Novel Tools and Practical Considerations for Fluorescence Microscopy and High Content Analysis
15:30	Fabian Blank <i>Department biomedical research, UniBE</i>	Introducing the DBMR Live Cell Imaging Core Facility
15:45	Ana Stojiljkovic <i>Institute of Veterinary Anatomy</i>	High-content characterization of canine pluripotent stem cells
16:05	Josue Page <i>Institute of Informatics, UniBE</i>	Towards 3D real-time acquisitions with Light Field Microscopy
16:25	Giuseppe Locatelli <i>Theodor Kocher Institute, UniBE</i>	Imaging of neuroinflammatory dynamics
16:45	Award of certificate: 2019 graduates from the Cutting Edge Microscopy PhD program.	
17:00 – 18:00	Conclusions & Apéro in Mensa Bühlplatz	

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Microscopy Imaging Center (MIC), UniBE
a collaborative initiative of



the **Faculty of Medicine**,
the **Faculty of Science** and
the **Vetsuisse Faculty**.