



# Research Day

of the

## Microscopy Imaging Center



<sup>b</sup>  
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](http://www.mic.unibe.ch/Researchday.php)  
**Approved for** 0.5 day credit for continued education in animal experimentation

12:00	Registration	
12:30	Welcome, <i>Ruth Lyck, MIC</i>	
12:35	<b>Nicolas Thomas</b> <i>Space Research &amp; Planetary Sciences, UniBE</i>	Mars: Up close and personal
12:55	<b>Christian Zuppinger</b> <i>DBMR, Cardiology, UniBE</i>	Quantitative analysis of cardiac spheroids using video microscopy with affordable equipment
13:15	<b>Stefan Tschanz</b> <i>Institute of Anatomy, UniBE</i>	Towards Objective High Speed Video Microscopy of Ciliary Motility
13:35	<b>Coralie Dessauges</b> <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	<b>Guillaume Witz</b> <i>Science IT Support, UniBE</i>	Image processing support at MIC
14:10	<b>Rafael Kurtz</b> <i>LaVision BioTec GmbH</i>	3D inspection of whole organs and imaging in deep tissue layers by light-sheet and multiphoton microscopy
14:25	<b>Farewell:</b>	PD Dr. Marlene Wolf and Marisa Moser
14:30	Coffee Break	
15:00	<b>Oggie Golub</b> <i>ThermoFisher Scientific</i>	Novel Tools and Practical Considerations for Fluorescence Microscopy and High Content Analysis
15:15	<b>Fabian Blank</b> <i>Department biomedical research, UniBE</i>	Introducing the DBMR Live Cell Imaging Core Facility
15:30	<b>Ana Stojiljkovic</b> <i>Institute of Veterinary Anatomy</i>	High-content characterisation of canine pluripotent stem cells
15:50	<b>Josue Page</b> <i>Institute of Informatics, UniBE</i>	Towards 3D real-time acquisitions with Light Field Microscopy
16:10	<b>Pauline Jullien</b> <i>Institute of Plant Sciences, UniBE</i>	DNA methylation dynamic during plant reproduction
16:30	<b>Giuseppe Locatelli</b> <i>Theodor Kocher Institute, UniBE</i>	Imaging of neuroinflammatory dynamics
16:50	<b>Award of certificate:</b> 2019 graduates from the Cutting Edge Microscopy PhD program.	
17:00 – 18:30	Conclusions & <b>Apéro</b> in Mensa Bühlplatz	

Supported by



Registration



Organized by the

**Microscopy Imaging Center (MIC), UniBE**

a collaborative initiative of



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

