



# Research Day of the Microscopy Imaging Center



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UNIVERSITÄT  
BERN

<b>Date</b>	<b>Wednesday June 29, 2022, from 12:30 to 18.00</b>
<b>Location</b>	University of Bern, <b>UniS</b> , Schanzeneckstrasse 1, 3012 Bern
<b>Information</b>	<a href="https://www.mic.unibe.ch/events/mic_research_day_2022">https://www.mic.unibe.ch/events/mic_research_day_2022</a>
<b>Accreditation</b>	0.5-day credit for continued education in animal experimentation in the Canton of Bern

12:30 Registration

13:00 Welcome by Britta Engelhardt, Chair of the Microscopy Imaging Center

13:05 <b>Michael Raissig</b> <i>Institute of Plant Sciences, SCI, UniBE</i>	Imaging the development of “breathing pores” in grasses
13:25 <b>Maciej Dobrzynski</b> <i>Institute of Cell Biology, SCI, UniBE</i>	A detection and quantification platform for emergent collective signalling phenomena
13:45 <b>Annina Bindschedler</b> <i>Institute of Cell Biology, SCI, UniBE</i>	Signaling events at the parasitophorous vacuole membrane of Plasmodium liver stage parasites
14:05 <b>Boris Egger</b> <i>Biolmage Core Facility, UniFR</i>	Visualisation of cell type specific hypoxia responses in the Drosophila brain
14:25 <b>Cutting Edge Microscopy (CEM)</b> <i>the PhD program</i>	Presentation of the CEM PhD program followed by award of certificates
14:45 Coffee Break & Networking	
15:15 <b>Kavita Aswani</b> <i>Excelitas Technology</i>	Award winning LED illumination for fluorescence from Fura-2 to Cy7.5 and beyond
15:20 <b>Anna Oevermann</b> , <i>Department of Clinical Research and Veterinary Public Health, VET, UniBE</i>	Confocal microscopy in listeriology
15:40 <b>David Haberthür</b> <i>Institute of Anatomy, MED, UniBE</i>	Micro-CT imaging across scales and faculties
16:00 <b>Rasha Khaddaj</b> <i>Institute of Biochemistry and Molecular Medicine, MED, UniBE</i>	Perilipin 3 binds diacylglycerol and induces the formation of membrane domains enriched in lipid droplet biogenesis proteins
16:20 <b>Anna Meletiou</b> <i>Institute of Physiology, MED, UniBE</i>	Single molecule localisation microscopy in cardiac physiology
16:40 <b>Diego Dibitto</b> <i>Institute of Animal Pathology, VET, UniBE</i>	Speeding and braking: How cells connect replication fork progression with genome stability
17:00 Farewell and Apéro	

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The PhD program  
**Cutting Edge Microscopy**

Registration



Organized by

**Microscopy Imaging Center (MIC), UniBE**  
a collaborative initiative of  
 **the Faculty of Medicine,**  
**the Faculty of Science and**  
**the Vetsuisse Faculty.**