



Research Day of the Microscopy Imaging Center



^b
UNIVERSITÄT
BERN

Date	Wednesday July 7, 2021, from 12.30 to 17.30
Location	online via Zoom
Information	https://www.mic.unibe.ch/events/mic_research_day_2021
Accreditation	approved for 0.5-day credit for continued education in animal experimentation in the Canton of Bern

12:30 Welcome by **Britta Engelhardt, Benoît Zuber** and **Ruth Lyck**

12:40 **Martin Frenz** Optoacoustic microscopy
Institute of Applied Physics, UniBE

13:20 **Alexander Ernst** Automated microscopy screening for side effects of Covid-19
Institute of Anatomy, UniBE drug candidates on zebrafish embryonic development

13:45 **Andrii Rogov** Use of Artificial Intelligence inside Nikon NIS-elements
Nikon

14:00 Break

14:15 **Christoph Harder** Swissphotonics, the network
Swissphotonics

14:30 **Ana Kalichava** Ultrastructure Expansion Microscopy in *Trypanosoma brucei*
Institute of Cell Biology, UniBE

14:55 **Kerry Woods** Exploring the host-parasite interface in *Theileria*-transformed
Institute of Animal Pathology, UniBE leukocytes

15:20 **Sabine Kässmeyer** Impact of individual cell type and native extracellular matrix
Departement of Clinical Research, Veterinary Public Health, UniBE on the maturation of complex *in vitro* models

15:45 Break

16:00 **Christian Holz** New 3D-applications on Molecular Devices intelligent
Molecular Devices automated imaging solutions

16:15 **Joel Zindel** Primordial GATA6 macrophages function as extravascular
Department for BioMedical Research, UniBE platelets in sterile injury

16:40 **Steven Proulx** *In vivo* near-infrared microscopy techniques for visualization
Theodor-Kocher-Institute, UniBE of lymphatic vessel function and cerebrospinal fluid flow

17.05 Certificate conferment to **graduates** from the PhD program **Cutting Edge Microscopy**

17:15 Farewell by **Ruth Lyck**


Supported by



Registration



Organized by

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