

Research Day of the Microscopy Imaging Center



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UNIVERSITÄT
BERN

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| 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 | <i>Tentative:</i> 0.5-day credit for continued education in animal experimentation (approval under evaluation) |

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| 12:30 | Welcome by Ruth Lyck (<i>coordinator of the MIC</i>) | |
| 12:40 | Martin Frenz <i>Institute of Applied Physics, UniBE</i> | Optoacoustic microscopy |
| 13:20 | Alexander Ernst <i>Institute of Anatomy, UniBE</i> | Automated microscopy screening for side effects of Covid-19 drug candidates on zebrafish embryonic development |
| 13:45 | Andrii Rogov <i>Nikon</i> | Use of Artificial Intelligence inside Nikon NIS-elements |
| 14:00 | Break | |
| 14:15 | Christoph Harder <i>Swissphotonics</i> | Swissphotonics, the network |
| 14:30 | Ana Kalichava <i>Institute of Anatomy, UniBE</i> | Ultrastructure Expansion Microscopy in <i>Trypanosoma brucei</i> |
| 14:55 | Kerry Woods <i>Institute of Animal Pathology, UniBE</i> | Exploring the host-parasite interface in <i>Theileria</i> -transformed leukocytes |
| 15:20 | Sabine Kässmeyer <i>Departement of Clinical Research, Veterinary Public Health, UniBE</i> | Impact of individual cell type and native extracellular matrix on the maturation of complex <i>in vitro</i> models |
| 15:45 | Break | |
| 16:00 | Christian Holz <i>Molecular Devices</i> | New 3D-applications on Molecular Devices intelligent automated imaging solutions |
| 16:15 | Joel Zindel <i>Department for BioMedical Research, UniBE</i> | Primordial GATA6 macrophages function as extravascular platelets in sterile injury |
| 16:40 | Steven Proulx <i>Theodor-Kocher-Institute, UniBE</i> | <i>In vivo</i> near-infrared microscopy techniques for visualization 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.*