



Bern, Switzerland

Tuesday, June 28, 2022

10:00 a.m.–05:00 p.m.

Seminar room 220, Mittelstrasse 43

- Host** Yury Belyaev, Microscopy Imaging Center (MIC), Universität Bern
- 10:15 a.m. Welcome and introduction**
Rafael Kurtz, Miltenyi Biotec (GER)
- 10:30 a.m. Intravital imaging of CD8+ T cell-mediated host protection**
Jens Stein, Universität Fribourg
- 11:00 a.m. Immune map: A database for immunological studies focused on intravital 2-photon videos**
Santiago Gonzales, IRB Bellinzona
- 11:30 a.m. Using light sheet microscopy to study reptilian skin appendage evolution and development**
Rory Cooper, Université de Genève
- 12:00 a.m. Lunch break and live demo of UltraMicroscope Blaze**
Rafael Kurtz, Miltenyi Biotec (GER)
- 02:30 p.m. Multiscale microscopy to understand systemic cancer immunotherapy**
Guest speaker: Bettina Weigelin, Werner Siemens Imaging Center, Tübingen (GER)
- 03:00 p.m. ADES, an AI-based system for apoptosis detection in in vivo and in vitro time-lapses**
Alain Pulfer, IRB Bellinzona
- 03:30 p.m. A platform for combining multi-photon intravital microscopy with biomedical imaging**
Alexandre Benechet, Université de Lausanne
- 04:00 p.m. VivoFollow: a system for stable intravital imaging of the moving tissue**
Mykhailo Vladymyrov, Universität Bern
- 04:30 p.m. Farewell**
Rafael Kurtz, Miltenyi Biotec (GER)

Swiss TriM Scope and UltraMicroscope User Meeting

For registration contact Rafael Kurtz

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