Live Cell Imaging Core Facility    Department of BioMedical Research
Murtenstrasse 35, 40, 50, Bern, Switzerland

Course of Histology
Immunolabeling in paraffin and cryo embedded sections, cells and tissues

Lecturers: PD Dr. Fabian Blank (LCI, DBMR), Dr. Yury Belyaev (MIC), Selina Steiner and Carlos Wotzkow (LCI, DBMR), Raymond Chan (Bio-tecne)
Duration: 5 days (from Monday, 11.11.2019 to Friday, 15.11.2019)
Location: LCI Core Facility, DBMR, Murtenstrasse 35, 40, 50, Bern, Switzerland
Content: Teaching of basic and advanced technics for histology.
Admissions: Minimum 5 students, maximum 8
Credits: 2.5 ECTS
Costs: 500.- CHF, PhD students may be reimbursed by the GCB

1. Sample preparations
   - Collection
   - Fixation
   - Embedding
   - Sectioning
   - Antigen Retrievals
   - Controls

2. Labelling procedures
   - Up to 11 different procedures for antigen retrieval (on sample’s demand)
   - Direct and indirect labeling of antigens (ABs of interest provided by the students)
   - Counterstain, mounting, and storage procedures (customized)

3. Specials
   - Acquisition, processing and analysis

Prerequisites:
MSc Students: Attendance of “Advanced Microscopy” lectures recommended.
PhD Students preferably within first or second year of their doctorate.
Lab technicians: in need of advanced knowledge in histology.
All participants should provide a brief outline of their needs and current issues they have with histology in their projects.

Important! This course is personalized upon student matriculation so it will require candidates to contact us at least 2 weeks before the date of the course.