

Workshop

| | |
|-------------------------|--|
| Title: | In vitro Live Cell Imaging |
| Date, duration: | On demand, 2x 0.5 days practical plus report writing. |
| Location: | Theodor-Kocher Institute, Freiestrasse 1, 3012 Bern |
| Lecturer(s): | Prof. Dr. Ruth Lyck (TKI) |
| Number of participants: | 2 students |
| Target audience: | Master and PhD students of the University of Bern. Lecture Series on Advanced Microscopy plus exam (KSL 9256) |
| Registration: | Send request to Ruth Lyck (ruth.lyck@tki.ch) |
| KSL: | 470896 |
| Reward: | 1.0 ECTS |
| Costs: | Option 1, the students bring their own samples, microscope user fees will be charged (CHF 50/h). Option 2, the course organizer contributes the sample, a fee of CHF 100/student plus microscope user fees will be charged (CHF 50/h). PhD students enrolled in the Graduate School for Cellular and Biomedical Sciences (GCB) can apply for refund at the PhD program Cutting Edge Microscopy |
| Learning goals: | Physiological conditions in live cell imaging. Different methods to turn cells fluorescent. Time factor in live cell imaging. Image processing. Evaluation of spatio-temporal cell behaviour. |
| Description: | Imaging of the spatio-temporal behaviour of cells over time. |
| Course structure: | Flexible. Will be discussed with the students. |
| Assessment: | Written report. |

