MIC Workshop: High Content Analysis

Date: 3 days; on demand
Trainers: Prof. Dr. med. vet. Michael Stoffel
Max number of participants: 3
KSL Stamm-Nr.: Will be entered on request
Reward: 1.5 ECTS

Description:
- Acquisition, hands-on at the INCell Analyzer 2000 (General Electrics). The students should bring their own samples (0.5 day).
- Principles of image analysis (binary masking, different segmentation types, pre- and post-processing), using the INCell Developer Toolbox (0.5 day).
- Complex analyses including mask subtractions, linking and principles of machine learning image analysis (1 day).
- Open Source alternatives such as Cell Profiler and ImageJ (1 day).

Assessment: To be determined