



Cellular Imaging Core Facility

What we do

Live cell imaging is quickly becoming standard technique for addressing variety of questions in cell and molecular biology. Although this technique is well established for most of the regular tissue culture cells and lineages, challenges are still remaining in application of live cell imaging for studies on primary cells or even tissues or organoids. By organizing workshop focused on methods used in imaging of live specimen we would like to convey recently accumulated knowledge in the field to researchers and students, and help them to improve their experiments.

Services and Methodologies Provided

- Access to widefield and confocal microscopes
- Access to image analysis tools
- Project design and assistance in planning of experiments
- Training of users in sample preparation, image acquisition and data analysis

Equipment

Equipment currently available:

- Variety of laser scanning confocal microscopes - inverted and upright, with different combinations of lasers and detectors, including Airyscan Fast module
- Lightsheet microscope
- Wide-field fluorescence microscopes
- Histological microscopes
- Stereomicroscope with fluorescence
- Computer workstations with image analysis software – IMARIS, ZEN, FIJI, Cell Profiler, Image

Contact and Location

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