



# 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 to study primary cells or even tissues or organoids. By organizing workshop focused on methods used in imaging of live specimen we would like to convey a new knowledge accumulated recently in the field to the researchers and students, which will help to improve their experiments.

## Services and Methodologies Provided

Imaging of fixed and live specimens, advanced image analysis, preparation of cells tissues and organs for experiments. Microinjection and micromanipulation of germ cells, embryos and adherent cells.

## Equipment

Equipment currently available:

- Laser scanning confocal microscopes – LSM 780, LSM 700, LSM 800, SPE
- Wide-field fluorescence microscopes
- Histological microscopes
- Stereomicroscopes

## Contact and Location

### CEITEC

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