

Introductions – Flow Cytometry

Introductions are split in 2 sections – a general Theory Introduction and an individual practical training on the chosen system.

Theory block takes place 1x month and takes ~3.5h.

Practice depends on your samples and the system.

BioOptics
Facility

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Theory

You will learn:

1. Basic signal formation
2. Setup of signals for scattered light and fluorescence
3. Interpretation of acquired signals
4. Crosstalk & Compensation

Practice

Please discuss with BioOptics staff (facs@imp.ac.at) before setting up an appointment for the hands-on training which system is suitable for your experiments.

1. What is your experiment about – when do you plan to start?
2. Do you already have sample material ready for the setup? It's mandatory do have your own material for the practical training.
3. Which fluorochromes will you use?
4. Only tubes or also 96/384well plates?
5. Analyzing or sorting as well?

You will learn:

1. Workflow of the system specific workflow
2. Setup Experiment parameters according to your controls
3. Design an analysis layout