

Welcome to the 1st Advanced Course in Flow Cytometry at the Core Facility for Flow Cytometry, Department of Clinical Science, University of Bergen 20th-24th of April 2015

The course is open for users with at least 6 months of flow cytometry experience who want to learn more about multi-color flow cytometry experiments and the use of flow cytometry in cell signaling (phospho-flow). Basic knowledge in flow cytometry (6+ months experience analyzing your own data), immunology and intracellular signaling pathways are pre-requirements.

The course will be held 20.-24.4.2015 and will be limited to 10 participants (minimum: 4). *You will be notified after the registration deadline if you can participate or not.* The lectures will be given by experienced local users of the core facility, and we have in addition invited external speakers (Catherine Simpson, Imperial College London and Derek Davies, Cancer Research UK) who have both long experience in teaching multi-color flow cytometry.

The course will be held in English

The course will be divided into lectures and practical work:

Theoretical part:

- Theoretical introduction to flow cytometry used as a tool in immunology. Demonstration of analysis software and web tools. It will be discussed how to include flow cytometry data in publications

Practical part: Hands-on training at the local flow cytometers

- Plan an experiment
- Staining of cells with surface and intracellular markers
- Multicolor analysis
- Cell signaling experiments with prior cytokine stimulation (phospho-flow)

When: 20.-24.4.2015

Where: Core facility for Flow Cytometry, Department of Clinical Science, University of Bergen, Laboratory building 5th floor, Jonas Lies vei 87, 5021 Bergen, Norway

Course fees: 3000 NOK (Course material and Lunch included)

For registration, please follow the link

<https://skjemaker.app.uib.no/view.php?id=1035909>

Registration deadline is 20.2.2015

