



NEWSLETTER

The Flow Cytometry and Confocal Microscopy Core Facility

News:

We are very pleased to announce that Associate Professor **Maria Bloksgaard**, Department of Cardiovascular and Renal Research, will be associated with us (the Core Facility). Welcome Maria, we look forward to a close and prosperous cooperation.

Our PhD course in “**Flow Cytometry and Cell Sorting**” took place in March 2019.

We repeat the course in October 2019 (22nd - 25th) as announced by the PhD school:

https://www.sdu.dk/en/forskning/phd/phd_skoler/phdskolensundhedsvidevidenskab/phd_students/phd_courses/courses/iami_flow

The **Novo Nordisk Foundation**: We have applied for a grant in their call in Research Infrastructure, 7.8 million for 2 additional flow cytometers (an ImageStream & an Attune). Fingers crossed ☺ (notification in the beginning of 2020).

A slight **increase in our fees**, see below.

Fees:

We have previously lowered our fees quite considerably. The Core Facility operates as a non-profit unit and the fees are to cover maintenance expenses only.

Do to the fact that our equity has reached an absolute minimum, there will be a small increase in our fees as of April 1st, 2019:

- Fees for the Flow Cytometers, Microscopes and IVIS: DKr. **150** per hour of usage.
External users DKr. **300** per hour of usage.
Details for the preparation- and cleaning- fee/time of the ARIA III sorter can be found at our homepage.
You are welcome to contact us regarding a potential discount.
- Our equipment is available for all users inside and outside the University of Southern Denmark.

Flow Cytometers and Microscopes:

If your desired equipment is either occupied or otherwise unavailable, please contact Lars or Ulla for the usage of some of our other equipment. We are only happy to assist and help in every way we can.

To accommodate the demands, we've updated the filter-compositions on ARIA III.

This gives you several more options for multicolor analyzing, even more so than the LSR.

ARIA III is a very good analyzer and can be used all-round, not only for sorting.

Assistance:

Please do not hesitate to call/contact us regarding any questions you might have.

The outcome of your analyses depends very much so on both your sample preparation and the handling of the equipment.

We are only happy to help!

As per May 13th Ulla is out of office for a short period of time. She can be reached by mail though and phone.

General info:

The Flow Cytometry and Confocal Microscopy Core Facility includes:

For Flow Cytometry:

LSR II Flow Cytometer
Becton Dickinson FACS Aria III Cell
Sorter

For Imaging:

Olympus FV1000MPE Confocal
Microscope Zeiss LSM 710 Confocal
Microscope Olympus MMI CellCut, LCM
IVIS Spectrum *in vivo* Image Analyzer

Our equipment have many features. Please see our homepage for further information:

http://www.sdu.dk/en/om_sdu/institutter_centre/imm_molekylaer_medicin/welcome

- or Google: "[sdu core flow](#)"

Services and access:

Which ever way you choose to access our equipment, we will provide you with our highly qualified personal.

- Autonomous analysis. Here you will receive the proper training and assistance by our technical staff.
- Assisted analysis. We will help you get started with the set-up, acquisition and data-analysing.
- Outsourced analysis, where we perform the acquisitions of data for you.
- Scientific collaboration.

Booking/reservation:

- Once you have received the proper training you will be able to make a reservation of the equipment.
- For reservation of the equipment, go to: www.dambic.sundvision.dk. **Remember** phone# and groupinfo.
- Booking of **FACS Aria III**: contact Lars or Ulla.

Contact lvitved@health.sdu.dk for **first time** usage or questions in general regarding the Flow Cytometers.

Contact uhansen@health.sdu.dk for **first time** usage or questions in general regarding the Microscopes and the IVIS.

Responsible VIP's for management of the Facility:

Professor Søren Moestrup smoestrup@health.sdu.dk Department of Cancer and Inflammation, IMM.

Associate Professor Søren Hansen shansen@health.sdu.dk Department of Cancer and Inflammation, IMM.

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