



## NEWSLETTER

---

# The Flow Cytometry and Confocal Microscopy Core Facility

### **News:**

Our PhD course in “**Flow Cytometry and Cell Sorting**” took place in October 2018.

We will repeat the course in March and October 2019.

When announced at the PhD school, you will find more information there.

[https://www.sdu.dk/en/forskning/phd/phd\\_skoler/phdskolensundhedsvidenskab/phd\\_students/phd\\_courses/kursusoversigt](https://www.sdu.dk/en/forskning/phd/phd_skoler/phdskolensundhedsvidenskab/phd_students/phd_courses/kursusoversigt)

### **Lunch & Learn by Olympus**

During the last 6 months, we've hosted 4 seminars given by Olympus:

- Benefits of Multiphoton and Confocal Imaging
- Good Imaging practice
- Choose the right Objective
- Live Cell imaging

The attendance was quite high. Hopefully you all got what you came for 😊.

Please let us know if you have any further requests.

### **Service and maintenance:**

Our LSR II and ARIA III have had the annual service performed. They are up and running as usual.

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

This gives you several more options for multicolor analyzing.

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

**NOTE:** For the microscopes, please remember to transfer your data no later than **February the 1<sup>st</sup>**.

### **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!

## 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  
Arcturus/Olympus PixCell, 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](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](http://www.dambic.sundvision.dk). **Remember** phone# and group info.
- Booking of **FACS Aria III**: contact Lars or Ulla.

## Fees:

- The Core Facility operates as a non-profit unit. The fees are to cover maintenance expenses only. It is available for all users inside and outside the University of Southern Denmark.
- Fees for the Flow Cytometers, Microscopes and IVIS: Kr. 100 per hour of usage.  
External users Kr. 200 per hour of usage.  
Details for the preparation- and cleaning- fee/time of the ARIA III sorter can be found at the homepage.

**Contact** [lvitved@health.sdu.dk](mailto:lvitved@health.sdu.dk) for **first time** usage or questions in general regarding the Flow Analyzer and the Cell Sorter.

**Contact** [uhansen@health.sdu.dk](mailto: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 are Professor Søren Moestrup [smoestrup@health.sdu.dk](mailto:smoestrup@health.sdu.dk) and Associated Professor Søren Hansen [shansen@health.sdu.dk](mailto:shansen@health.sdu.dk) at the Department of Cancer and Inflammation, IMM.