



NEWSLETTER

The Flow Cytometry and Confocal Microscopy Core Facility

News:

Our **PhD course in “Flow Cytometry and Cell Sorting”** will take place on October 24th – 27th.
When announced at the PhD school, you will find more information there.

Lunch & Learn by Olympus,

In June and August, we hosted 2 seminars given by Olympus:
“Benefits of Multiphoton and Confocal Imaging” and
“Good Imaging practice”.

The seminars are directed to all who might have an interest in Confocal Imaging and are aimed to help you get started and to optimize your research.

On October 30th, we are inviting you to our 3rd Confocal Microscopy seminar:
“Choose the right Objective”.

We look forward to seeing you on:

October 30th

Time: 11.30 – 12.30

Location: WP 19, room 19-01

Please be advised, the deadline for registration is October 26th.

Registration by email to uhansen@health.sdu.dk

The invitation follows 😊.

Service and maintenance:

The **FV1000MPE Olympus Microscope** has been equipped with a new set of filters. It has been done to improve the imaging in the red transmission-area. You can carry on Imaging as usual (only better!), don't worry.

Also for the **FV1000 MPE Microscope**, we have provided you with an additional adapter. This adapter enables the attachment of a smaller sized objective.

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

- 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 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.
- **As of January 1st 2018:** 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 for **first time** usage or questions in general regarding the Flow Analyzer and the Cell Sorter.

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 are Professor Søren Moestrup smoestrup@health.sdu.dk and Associated Professor Søren Hansen shansen@health.sdu.dk at the Department of Cancer and Inflammation, IMM.