



Seminar + Workshop

On the Use of Flow Cytometry and Cell Sorting for the Analysis of Microbial Populations

Friday March 1st 2019
Vitenparken, Campus Ås

Are you interested in studying microbes in complex communities by quantifying and sorting individual cells? Foods of Norway is pleased to invite you to a seminar and workshop led by [Prof. Dr. Susann Müller](#) from the [Helmholtz Centre for Environmental Research –UFZ](#) who will present her latest work on the study of microbial community dynamics through flow cytometry.

Flow cytometry and cell sorting have applications in many fields of research including animal and plant science, immunology, phycology, bioprocess technology, and microbiology. The seminar is open to all interested students and researchers. Those who would like to gain a deeper understanding of the analysis of flow cytometry data are welcome to sign up for a participatory workshop led by Dr. Müller which will cover general considerations for the design of flow cytometry experiments, common pitfalls to avoid, and the application of analysis software and techniques developed in her group. All workshop attendees will need to bring a laptop with the Windows Operating System.

Programme:

- 10.00 – 10.05 **Welcome and introduction**
Dr. Margareth Øverland, Foods of Norway
- 10.05 – 11.00 **Microbial community dynamics through flow cytometry**
Prof. Dr. Susann Müller, Helmholtz Centre for Environmental Research - UFZ
- 11.00 – 12.00 **Lunch for seminar and workshop participants**
- 12.00 – 16.00 **Workshop on the analysis of flow cytometry data**

Registration:

You are welcome to attend either the seminar or the workshop or both, but pre-registration is required using [this link](#). **Deadline: Monday 25th February.** If you have any questions about the seminar or workshop, please contact John Gaby at johngaby@nmbu.no.

NB! If you have registered but are prevented from attending, please send an email to barbara.eriksen@nmbu.no