

Program:

Flow cytometry course (MF 9170) 4-6/3 2020

Wednesday March 4th

Location: The Radiumhospital, Møterom 4th floor, K-building (Forskningsbygget)

Time	Topic	Instructor
9:00-10:30	Principles for FCM-Fluorescence/light scatter Kaffepause	Stokke
10:45-11:30	More about flow cytometers	Stokke
11:30-12:15	Histograms, cytograms and data treatment	Stokke
12:15-13:00	Lunch	
13:00-13:45	Sorting Kaffepause	Dale Rein
14:00-16:00	FCM software/DiVa/Modfit Demo flowcytometers: Aria II og LSR II	Stokke Bostad/Notø

Thursday March 5th

Location: Kursrom J4051, 4th floor (Strålingsbygget)

Time	Topic	Instructor
9:00-10:15	Immunofluorescence I Kaffepause	Stokke
10:30-11:00	Cell cycle/analysis of DNA-histograms/ploidy/BrdU	Stokke
11:00-12:15	Lab (DNA-histogram-analysis)	Stokke/Bostad
12:15-13:00	Lunch	
13:00-13:30	Miscellaneous applications FCM/DNA staining	Stokke
13:30-14:00	New instrumentation - CyTOF Kaffepause	Stokke
14:15-16:00	Lab (Leukocyte classification/analysis)	Stokke/Bostad

Friday March 6th

Location: Seminarrom 1, 1st floor, K-building (Forskningsbygget)

Time	Topic	Instructor
9:00-9:45	Immunofluorescence II Kaffepause	Stokke
10:00-11:00	Multiparameter flow cytometry/compensation	Dale Rein
11:15-12:00	Signal transduction by flow cytometry	Myklebust
12:00-13:00	Lunch	
13:00-13:30	Apoptosis	Dale Rein
13:45-14:30	Presentation of data	Dale Rein
14:30-16:00	Written exam	Dale Rein/Bostad