

Introductory course in flow cytometry - March 2017

BIO632

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March 6th (MON)	DAY 1		Location
	9:30-10:00	Opening remarks	Y22-F-68 or Y13-M-12
	10:00-11:00	Visit a flow cytometry lab, introduction to > Preparing for the experiment > Sample prep > Data Acquisition > Data analysis	
	11:15-12:00	Functioning of the flow cytometer	Y22-F-68 or Y13-M-12
	12:00-13:15	Fluorochromes in flow cytometry, spectral compensation	Y22-F-68 or Y13-M-12
	14:15-15:00	Displaying data in flow cytometry	Y22-F-68 or Y13-M-12
	15:00-15:30	Main applications of flow cytometry	Y22-F-68 or Y13-M-12
March 7th (TUE)	DAY 2		
	9:00-10:30	Experiment design	Y11-J05
	10:30-12:00	Preparing for the immunophenotyping experiment	Y11-J05
	12:45-14:00	<i>wet lab</i>	Y03-F05
	14:00-18:00	<i>Introduction to instrument operation, data acquisition</i>	instrument rooms
March 8th (WED)	DAY 3		
	9:30-10:45	Manual data analysis and visualization	Y11-J-05
	10:50-11:10	Troubleshooting the data before the analysis	Y11-J-05
	11:15-13:00	Data analysis with FlowJo (required for hands-on session that follows)	Y11-J-05
	14:00-17:00	<i>Hands-on data analysis of acquired data from day 2 and test data sets</i>	Y11-J-05
March 9th (THU)	DAY 4		
	9:00-9:45	Introduction to cell sorting	Y22-F-68 or Y13-M-12
	9:45-10:15	<i>Preparing for the second immunophenotyping experiment</i>	Y22-F-68 or Y13-M-12
	10:30-11:30	<i>wet lab</i>	Y03-F05
	11:30-14:00	<i>data acquisition</i>	instrument rooms
	14:00-15:30	<i>data analysis</i>	Y11-J05
	15:30-16:45	Presentation/reporting data	Y11-J05
	16:45-17:15	Exam	Y11-J05
	17:15 - 19:00	Apero and discussion of Exam questions	