

| 1st FLxFlow Course | Principles and Applications of Flow Cytometry

Program

16-Oct
DAY 1 - Introduction

17-Oct
DAY 2 - Applications

18-Oct
DAY 3 - Flow Analysis

19-Oct
DAY 4 - Applications

Fundamentals of Flow Cytometry

Multicolor Flow

Getting Flow Cytometry Data Published

Applications

9.00 - 9.30h	Registration			
9.30 - 11h	Basic Concepts	Controlling a Flow Cytometry Experiment	Flow Statistical Analysis	Cell Sorting
11 - 11.15h	Coffee break	Coffee break	Coffee break	Coffee break
11.15 - 12.15h	Introduction to Experimental Planning	Multicolor Panel Design (I) Colors and Antibody Specificities	Flow Data Analysis	Cell Cycle & Proliferation
12.15 - 13.15h	Fluorochromes, Brightness and Detection		Publishing Robust Flow Data	Cell Death & Apoptosis
13.15 - 14.30h	Lunch	Lunch	Lunch	Lunch
14.30 - 15.30h	Designing an effective antibody panel Tips and Tricks	Multicolor Panel Design (II) Compensation Principles	FCS Express Software	Imaging Flow Cytometry ImageStream
15.30 - 16.00h			Data Analysis of Previous Experiments	
16.00 - 16.15h	Coffee break	Coffee break	Coffee break	Coffee break
16.15 - 17.30h	Walk through the cytometer	Setting up the Instrument Running a Multicolor Experiment	FlowJo Tips and Tricks	Applications of Ploidy Analysis
17.30 - 18.00h			Discussion	Hands-on: FlowJo
			19:00 Cocktail - FlowJo	19:30 Dinner