

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

October 16th - 20th, 2017

	16-Oct DAY 1 - Introduction	17-Oct DAY 2 - Applications	18-Oct DAY 3 - Flow Analysis	19-Oct DAY 4 - Applications	20-Oct DAY 5 - Practice Module
	Fundamentals of Flow Cytometry	Multicolor Flow	Getting Flow Cytometry Data Published	Applications	Hands-on Sessions
9.30 – 11h	Basic Concepts	Controlling a Flow Cytometry Experiment	Flow Statistical Analysis	Cell Sorting	10 – 12h Session (I) Immunophenotyping
11 - 11.15h	Coffee break	Coffee break	Coffee break	Coffee break	12 - 13h Lunch
11.15 - 12.15h	Experimental Planning (I) Introduction	Multicolor Panel Design (I) Compensation Principles	Publishing Robust Flow Data	Cell Cycle & Proliferation	13 - 14.30h Session (II) Cell Cycle
12.15 - 13.15h	Experimental Planning (II) Fluorochromes, Brightness and Detection			Cell Death & Apoptosis	14.30 - 16h Session (III) Cell Dead & Apoptosis
13.15 - 14.30h	Lunch	Lunch	Lunch	Lunch	16 - 16.30h Coffe Break
14.30 - 15.30h	Experimental Planning (III) Designing an effective antibody panel	Multicolor Panel Design (II) Colors and Antibody Specificities	Flow Data Analysis Software Overview	Imaging Flow Cytometry ImageStream	16.30 - 18h Session (IV) 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	Running a Cell Cycle Experiments	
17.30 - 18.00h	Discussion	Discussion	Discussion	Discussion	