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

October 16th - 20th, 2017

	16/out	17/out	18/out	19/out	20/out
	DAY 1 - Introduction	**DAY 2 - Applications**	**DAY 3 - Flow Analysis**	**DAY 4 - Applications**	**DAY 5 - Practice Module**
	Fundamentals of Flow Cytometry	**Multicolor Flow**	**Getting Flow Cytometry Data Published**	**Applications**	**Hands-on Sessions**
9.30 – 11h	**Basic Concepts**	**Controling 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	**Flow Data Analysis**	**Cell Cycle & Proliferation**	**13 - 14.30h** **Session (II)** Cell Cycle
12.15 - 13.15h	**Experimental Planning (II)** Fluorochromes, Brightness and Detection		**Publishing Robust Flow Data**	**Cell Death & Apoptosis**	**14.30 - 16h** **Session (III)** Cell Death and 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	**FlowJo Tips and Tricks**	**Imaging Flow Cytometry** ImageStream	**16.30 - 18h** **Session (IV)** Imaging Flow Cytometry
15.30 - 16.00h					
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**	**Data Analysis of Previous Experiments**	**Running a Cell Cycle Experiments**	
17.30 - 18.00h	**Discussion**	**Discussion**	**Discussion**	**Discussion**	
				20-23h Congress Dinner	