

Life Education Task Force, Cytometry Workshop Vienna

September 2nd – 4th, 2022

Friday, September 2 nd Lectures	
8:30	Registration and Welcome
9:00- 9:45	Basics of Instrumentation Zosia Maciorowski
9:45-10:10	Basics of Multicolor Flow Cytometry Zosia Maciorowski
10.10-10:30	Compensation (MN)
10:30-10:45	Coffee
10:45-11:30	Basic Data Analysis John Quinn
11:30-12:15	Panel Design Tools Florian Mair
12:15-12:45	Sponsors snapshots: 1 slide to describe sponsor miniworkshops
12:45-13:45	Lunch
13:45-14:30	Mulricolor Panel Design: How to Florian Mair
14:30-14:50	Antibody Valdiation and Benchmarking, Tomas Kalina
14:50-15:15	Immune Monitoring Michaela Novakova
15:15-16:00	Advanced data analysis Alexander Tolios
16:00-16:15	Coffee
16:15-17:00	MRD, Leukemia Lymphoma Paul Wallace
17:00-17:45	How to Assess Your Data Maria Jaimes

Saturday, September 3 rd Practical Sessions: Tracks					
	Multicolor track		Cell Sorting	High Dimensional Data Analysis	Clinical
9:00-10:30	Practical: Basic Multicolor Flow Cytometry	Practical: Panel Design	Cell Sorting lecture Geoff Osborne	High Dimensional Data Analysis	Case studies Leukemia and Lymphoma
			Practical 1: Basics of Cell Sorting		
10:30-10:45	Coffee				
10:45-12:15	Practical: Basic Multicolor Flow Cytometry	Practical: Panel dDesign	Practical 2: Cell Sorting	High Dimensional Data Analysis	(MN) Clinical Panel Design - Example of panel development
12:15-12:45	Vendor mini workshop at instruments:				
12:45-13:45	Lunch				
13:45-15:15	Panel Design - Troubleshooting		Practical 3: Advanced Cell Sorting gating strategies for high dim panels + hyperfinder	Commercial Softwares FlowJo+Cytobank	Instrument QC and Standardization lecture
					EuroFlow QA
15:15-15:30	Coffee				
	High Dimensional Data Analysis		Practical 4: Advanced Cell Sorting microparticles parallel?	High Dimensional Data Analysis ("R")	IVDR in Clinical Cytometry
15:30-17:00					
17:00-17:30	Vendor mini workshop at instruments				

	Sunday, September 4 th Lectures and practical modules				
	Imaging flow cytometry	Extracellular Vesicles	Spectral Flow Cytometry	Mass cytometry	Clinical
9:00- 9:45	Lecture: Imaging Flow Andy Filby	Lecture: Extracellular Vesicles John Nolan	Lecture: Full Spectrum Flow Cytometry Maria Jaimes	Lecture: Mass Cytometry Henrik Mei	Practical Basic Multicolor Flow Cytometry on BD and BC
9:45-11:15	Practical: Imaging Flow Cytometry session A	Practical: Extracellular Vesicles session A	Practical: Spectral Flow session A	Do's and don't in mass cytometry, Henrik Mei & Axel Schulz	
11:15-11:30	Coffee				
11:30-13:00	Practical: Imaging Flow Cytometry session B	Practical: Extracellular Vesicles session B	Practical: Spectral Flow session B	Do's and don't in mass cytometry Henrik Mei & Axel Schulz	Data analysis for clinical flow 90min
13:00 13:15	Closing				

Color code:

- light blue** = Lectures
- pink** = Hands-on Practical Session
- green** = Theoretical Practical Session
- yellow** = Data Analysis
- dark blue** = Clinical Topics

The organizers would like to sincerely thank their sponsors for their generous support

Platinum Sponsors



Silver Sponsors

