

Program of the 3rd Practical Workshop on Flow Cytometry

Day 1: Thursday, June 11, 2026	
08h30–9h30	Reception and Registration of Participants
09h30–10h30	Opening Ceremony of the Workshop and Presentation of the PRST-UM Kamel Charrada, President of the University of Monastir Sami Youssef, Vice-President for Research Mohamed Ridha Hachana, Pedagogical Coordinator and Co-organizer of the Workshop
<i>Welcome Cocktail</i>	
11h00–11h45	Introduction to Flow Cytometry Dr. Claude Lambert
11h45–12h30	Physical Principles (1) : Fluidics and Sheath Fluid Dr. Mohamed Ridha Hachana
12h30–13h15	Physical Principles (2): Signal Analysis, Doublet Discrimination, Threshold, Time, and Time Delay Dr. Claude Lambert
<i>Lunch Break</i>	
14h30–15h15	Optical Principles of Flow Cytometry Dr. Mohamed Ridha Hachana
15h15–16h00	Fluorescence and Fluorochromes Dr. Mohamed Ridha Hachana
16h00–16h35	Compensations Dr. Nejla Mekki
Sponsored Session (Industry Partners)	
16h45–17h30	Panel and Protocol Design in Flow Cytometry Dr. Claude LAMBERT
Day 2: Friday, June 12, 2026	
09H00–09h45	Immunophenotyping and functional flow cytometric assays for immune monitoring of cancer patients after hematopoietic stem cell transplantation Dr Evangelos Ntrivalas
09h45–10h15	Flow Cytometry, a Versatile Tool for Diagnosis of Inborn Errors of Immunity Dr Najla Mekki
10h15–10h45	Functional assays by Flow Cytometry Dr. Najla MEKKI

<i>Coffee break</i>		
11h00–11h20	Flow Cytometry in Drug Allergy: Basophil Activation Test Dr Aymen Tezghdenti	
11h20–11h40	Flow Cytometry in Renal Transplantation: Crossmatch Test Dr Aymen Tezghdenti	
11H40-12h15	Autres applications de la cytométrie	
12h15–13h00	Standardization of Clinical Applications in Flow Cytometry Dr. Claude Lambert	
	Sponsored Session (Industry Partners)	
<i>Lunch Break</i>		
	Practical Workshop Group A	Practical Workshop Group B
	Fluorochrome Selection / Spectral Viewer Dr. Mohamed Ridha Hachana	Compensation Matrix Calculation Dr. Claude Lambert
15h30–16h30	Compensation Matrix Calculation Claude Lambert	Fluorochrome Selection / Spectral Viewer Dr Hachana Mohamed Ridha
	Sponsored Session (Industry Partners)	
16h40–17h30	Student Round Table: Case-Based Presentations and Discussion on Flow Cytometry Applications	
Day 3: Saturday, June 13, 2026		
Sample Preparation for TBNK Analysis (Cell Preparation, Staining, Washing, Fixation, Lysis, and Data Acquisition)		
<i>Coffee break</i>		
Hands-on practical Group 1	Hands-on practical Group G2	Hands-on practical Group 3
Sample labelling, lysis, wash, analysis	Sample Acquisition on the Flow Cytometer	Data analysis Kaluza/Flowjo
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<i>Workshop Closing Ceremony, Certificate Awarding, and Group Photo Session</i>		