

9th Turkish-US Flow Program, Izmir, Türkiye

September 8, 2026

DAY 1 (September 8) INTRODUCTION TO FLOW CYTOMETRY		
08:30 – 09:00	Registration	
09:00 – 09:15	Welcome Speeches by the Host and ISAC Delegates	
09:15 – 10:45	Session 1. Moderators: Günnur Deniz, Raif Yücel	
09:15 – 10:45	The Basics of Flow Cytometry Instrumentation	Zosia Maciorowski
10:45 – 11:15	Coffee Break	
11:15 – 12:45	Session 2. Moderators: Tolga Sütü, Arzu Aral	
11:15 – 12:00	The Basics of Fluorescence	Zosia Maciorowski
12:00 – 12:45	Spectral Flow Cytometry	Jesus Gil Pulido
12:45 – 14:00	Lunch Break	
14:00 – 15:30	Session 3. Moderators: Karen Hogg, John Nolan	
14:00 – 14:30	Quality Control and Troubleshooting	Zosia Maciorowski
14:30 – 15:00	Applications of Flow Cytometry	Günnur Deniz
15:00 – 15:30	Basics of Data Analysis	Raif Yücel
15:30 – 16:00	Coffee Break	
16:00 – 18:00	Session 4. Moderators: İhsan Gürsel, Zosia Maciorowski	
16:00 – 16:30	Spread and Multicolor Panel Design	Jesus Gil Pulido
16:30 – 17:00	Experimental Design and How to Assess Your Data	Karen Hogg
17:00 – 17:30	Exosomes and Extracellular Vesicles	John Nolan
17:30 – 17:45	Company Presentation	

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DAY 2 – LABORATORY PRACTICALS		
09:00 – 10:30	Lab 1. Basic Multicolor Flow Cytometry	
	Main room	Zosia Maciorowski Raif Yücel
10:30 – 11:00	Coffee Break	
11:00 – 11:30	Satellite Symposium (BD)	
11:30 – 13:00	Panel Design	Gerhard Wingender
13:00 – 14:00	Lunch Break	
14:00 – 15:30	Lab 2. Cell Preparation and Phenotyping	
	Group A (Cytoflex)	Zosia Maciorowski
	Group B (Spectral)	Jesus Gil Pulido
	Group C (Accuri)	Karen Hogg
15:30 – 16:00	Coffee Break	
16:00 – 17:30	Lab 3. Advanced Analysis	
	Group A (Practical on FlowJo)	Raif Yücel
	Group B (EV application on Cytoflex)	John Nolan
	Group C (Spectral)	Jesus Gil Pulido
17:30 – 17:45	Company Presentation	

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DAY 3 – FOCUS ON NEW APPLICATIONS		
09:00 – 10:00	Session 6. Moderators: Atakan Ekiz, Mayda Gürsel	
09:00 – 09:30	Cell sorting basics	Karen Hogg
09:30 – 10:00	Keeping your cells happy during sorting	Zosia Maciorowski
10:00 – 10:30	Coffee Break	
10:30 – 12:00	Session 7. Moderators: Derya Mete, İhsan Gürsel	
10:30 – 11:00	Imaging flow cytometry	Owen Hughes
11:00 – 11:30	Phagocytosis, Netosis	Mayda Gürsel
11:30 – 12:00	Advanced Detection of Intracellular Proteins	Baran Erman
12:00 – 13:30	Lab 4. Applications - 1	
	Group A Practical on FCS Express	Karen Hogg
	Group B Phagocytosis	Mayda Gürsel
	Group C (Spectral – EV application)	John Nolan
13:30 – 15:00	Lunch Break	
15:00 – 16:30	Lab 5. Applications - 2	
15:00 – 16:30	Group A (DNA cell cycle + Proliferation)	Zosia Maciorowski Günnur Deniz
	Group B (Cell sorting)	Karen Hogg
	Group C (Practical on FlowJo)	Raif Yücel
16:30 – 17:00	Coffee Break	
17:00 – 17:15	Company Presentation	

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DAY 4 – FUTURE OF FLOW CYTOMETRY		
09:00 – 10:30	Session 8. Moderators: Karen Hogg, Baran Erman	
09:00 – 09:30	Flow Cytometry in Cellular Immunotherapies	Tolga Sütlü
09:30 – 10:00	Exploring the Roles of noncoding RNAs in Tumor Immunity via Transcriptomics and Flow Cytometry	Atakan Ekiz
10:00 – 10:30	Coffee Break	
10:30 – 11:30	Session 9. Moderators: Zosia Maciorowski, Jesus Gil Pulido	
10:30 – 11:00	Introduction to High Dimensional Data Analysis	Karen Hogg
11:00 – 11:30	Single Cell Cytometry meets Spatial Cytomics	Raif Yücel
11:30 – 12:30	Satellite Symposium (Cytek) Spectral and Imaging Flow Cytometry Solutions for Cellular and Extracellular Vesicle Analyses	
12:00 – 13:00	Session 9. Moderators: Günnur Deniz, Tolga Sütlü	
12:00 – 12:45	Future of Flow Cytometry	John Nolan
12:45 – 13:00	Closing Ceremony	