

SECOND SINO-US CYTOMETRY WORKSHOP						
Shanghai, China						
June 9-13, 2014						
	TIME		Monday 9th June, 2014	FACULTY	HOST FACULTY/TECH	LOCATION/INSTRUMENT
Morning Lecture	9:00-9:30		Inauguration and Welcome	X.Miao, Q. Zhang, A. Krishan		
	9:30-10:00	L-1	Basics of Flow Cytometry	A. Saluk		Auditorium
	10:00-10:40	L-2	Fluorochromes, Spectral Overlap and Compensation	P. Jain		
	10:40-11:20	L-3	Quality Control in Flow Cytometry	Z. Maciorowski		
	11:20-12:00	L-4	Multicolor Panel Design	B. Wood		
12:00-13:00		Lunch				
Afternoon Wetlab& Demo	Wet Labs and Demos					
	13:30-17:00	WL-1	Basics of Flow Cytometry	W. Telford	Geng Shuang/Lisa	BD COE/ FACSCanto II
	Parallel wetlabs	WL-2	DNA Content and Cell Cycle Analysis	A. Krishan	Yao Fujia/Tony	BD COE/ Accuri C6
		WL-3	Plochromatic Flow Cytometry:Antibody titration&Fluorochrome brightness	P. Jain and Z. Macorowski	Fenny	BD COE /Fortessa
	13:30-17:00	WL-4	High-level Troubleshooting and Instrument Setup	J.Haug	Zhu Ruihong/Zhangjian	IH A1304/ Moflo XDP
	Parallel wetlabs	WL-5	Proliferation and Apoptosis	R.Hamelik	Miao Xiang/Lijing Wang	IH A1326/BC Galios
		WL-6	Leukemic Cell Phenotype and MRD Monitoring	B. Wood and M. Borowitz	Shaoming Cao	IH A1308/BC Navios
	13:30-17:00	DM-1	Magnetic Cell Separation	STEMCELL	Rui.Liu, Technical Director	IH building A1314
	Parallel demo	DM-2	Cell Sorting on S3	Bio-Rad	Carol Oxford,Staff Scientist	IH building A1314
		DM-3	Flow Analysis and Sorting on Human Treg cells	BC	Liu Xiaoping	IH building A1322
18:00-21:00		Dinner Reception by STEMCELL (Faculties and Wet lab students only)				
Tuesday 10 June, 2014						
Morning Lecture	8:30-9:10	L-5	Diagnostic and Predictive Biomolecular Markers	M. Nadji		Auditorium
	9:10-9:50	L-6	Leukemic Phenotype	B. Wood		
	9:50-10:30	L-7	Stem Cell Assays	W. Telford		
	10:30-11:00		Tea Break			
	11:00-11:40	L-8	Cell Cycle, Proliferation and Apoptosis	A. Krishan		
11:40-12:00	V-1	Vendor Presentation 1	Becton Dickinson			
12:00-13:00		Lunch				
Afternoon Wetlab& Demo	Wet Labs and Demos					
	13:30-17:00	WL-7	Plochromatic Flow Cytometry: Compensation & FMO	A. Saluk	Sky	BD COE/Fortessa
	Parallel wetlabs	WL-8	Proliferation and Apoptosis	R.Hamelik	Yao Fujia/Sophie	BD COE/Verse
		WL-9	Leukemic Cell Phenotype and MRD Monitoring	B. Wood and M. Borowitz	Geng Shuang/Fenny	BD COE/FACSCantoll
	13:30-17:00	WL-10	Basics of Flow Cytometry	W. Telford	Zhu Ruihong/Zhang Jian	IH, BC Astrios A1322
	Parallel wetlabs	WL-11	DNA Content and Cell Cycle Analysis	A. Krishan	Miao Xiang/Lijing Wang	IH, BC Galios A1326
		WL-12	Plochromatic Flow Cytometry:Antibody titration&Fluorochrome brightness	P. Jain and Z. Macorowski	Shaoming Cao	IH, BC Navios A1308
	13:30-17:00	DM-1	Magnetic Cell Separation	STEMCELL	Rui.Liu, Technical Director	IH building A1314
	Parallel demo	DM-2	Cell Sorting on S3	Bio-Rad	Carol Oxford,Staff Scientist	IH building A1314
		DM-3	Flow Analysis and Sorting on Human Treg cells	BC	Liu Xiaoping	IH Building A1304
18:00-21:00		Dinner Reception by Becton Dickinson (Faculties and Wet lab students only)				
Wednesday 11 June, 2014						
Morning Lecture	8:30-9:10	L-9	PNH	M. Borowitz		Auditorium
	9:10-9:50	L-10	Obesity revealed from Drosophila wing discs using a power of flow cytometry	J. Haug		
	9:50-10:30	L-11	Mesenchymal Stem Cells	V. Tanavde		
	10:30-11:00		Tea Break			
	11:00-11:40	L-12	Electrostatic Cell Sorting	G. Osborne		
11:40-12:00	V-2	Vendor Presentation 2	Beckman Coulter			
12:00-13:00		Lunch				
Afternoon Wetlab& Demo	Wet Labs and Demos					
	13:30-17:00	WL-14	Enumeration of Hematopoietic Stem Cells using the ISHAGE protocol	V. Tanavde	Geng Shuang/Tony	BD COE/ Fortessa
	Parallel wetlabs	WL-15	DNA analysis in plants and non mammalian tissues	A. Krishan	Yao Fujia/Lisa	BD COE/FACS Verse
	13:30-17:00	WL-16	Plochromatic Flow Cytometry:Antibody titration&Fluorochrome brightness	P. Jain and Z. Macorowski	Lijing Wang	IH/BC Galios A1326
	Parallel wetlabs	WL-17	Electrostatic Cell sorting	G. Osborne and A. Saluk	Zhangjian	IH/BC Moflo Astrios A1322
	13:30-17:00		Build Your Own Cytometer	B.Telford (Special Tutorial)	Zhu Ruihong/Miao Xiang	IH building A1315
18:00-21:00		Dinner Reception By Beckman Coulter (Faculties and Wet lab students only)				
Thursday 12 June 2014						
Morning Lecture	8:30-9:10	L-13	Data Analysis & Display	A. Saluk, Q. Zhang		Auditorium
	9:10-9:50	L-14	The Effect of Immunological Synapse on T cell Activation	Chu Yiwei		
	9:50-10:20		Tea Break			
	10:20-11:00	L-15	Flow Cytometric Evaluation of NHL	Hui Wang		
	11:00-11:20	V-3	Vendor Presentation 3	Bio-Rad		
11:20-11:40	V-4	Vendor Presentation 4	Stem Cell Technologies			
11:40-12:00		Discussion				
12:00-13:00		Lunch				
Afternoon Wetlab& Demo	Wet Labs and Demos					
	13:30-17:00	WL-18	Plochromatic Flow Cytometry: Compensation & FMO	A. Saluk	Geng Shuang/Sky	BD COE/ Fortessa
	Parallel wetlabs	WL-19	Electrostatic Cell sorting	G. Osborne	Yao Fujia/Lisa	BD COE/ Arialll
	13:30-17:00	WL-20	Enumeration of Hematopoietic Stem Cells using the ISHAGE Protocol	V. Tanavde	Shaoming Cao	IH/BC Navios A1308
	Parallel wetlabs	WL-21	DNA Analysis in Plants and non Mammalian Tissues	A. Krishan	Miao Xiang/Lijing Wang	IH/BC Galios A1326
	13:30-17:00	DM-1	Magnetic Cell Separation	STEMCELL	Rui.Liu, Technical Director	IH building A1314
	Parallel demo	DM-2	Cell Sorting on S3	Bio-Rad	Carol Oxford,Staff Scientist	IH building A1314
13:30-16:30		Multicolor Panel Design and Validation		P. Jain(Special Tutorial)	IH building A1315	
19:00-22:00		Faculty Dinner by ISAC Live Education Task Force(Invited only)				
Friday 13 June, 2014						
Morning Lecture	8:30-8:45		ISAC Education Resources Available	Z. Maciorowski		Auditorium
	8:45-9:15		Q&A on Cell Sorting	G. Osborne & Z. Maciorowski		
	9:15-10:15		Quiz, Questions and Answers	A.Saluk, P. Jain		
	10:15-10:45		Tea Break			
	10:45-12:30		Graduation and concluding remarks	X.Miao, Q. Zhang, A. Krishan		
			Lunch			
*Auditorium location: 岳阳路320号生理大楼2楼报告厅 2nd floor, building of Physiology, #320 Yueyang Rd, Shanghai						