

Flow Cytometry 2018 July 16-20



July 16th

Monday

Time	Topic	Speaker	Room
8:00 - 12:00	LECTURES		GBSF 1005
8:00 - 8:15	Check-in & Refreshments		GBSF 1005
8:15 - 8:30	Welcome	Dr. Denneal Jamison-McClung, UCD Biotech Program & Bridget McLaughlin, UCD Flow Cytometry Core	GBSF 1005
8:30 - 8:45	Introduction to Flow Cytometry	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
8:45 - 9:30	Fluorescence	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
9:30-10:30	Inside the Cytometer: Fluidics, Optics and Electronics	Jonathan Van Dyke, Technical Manager, UCD Flow Cytometry Core	GBSF 1005
10:30 - 10:45	BREAK	 SPONSORED BY BIOLEGEND	GBSF 1005
10:45 - 11:15	Understanding Flow Cytometry Data	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
11:15 - 12:00	Reagents, Antibodies, and Fluorescent Probes	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
12:00 - 1:00	LUNCH	 LUNCH SPONSORED BY BIOLEGEND	GBSF Lobby
1:00 - 5:15	LECTURES		GBSF 1005
1:00 - 2:00	Compensation	Jonathan Van Dyke, Technical Manager, UCD Flow Cytometry Core	GBSF 1005
2:00-3:00	Data Analysis and Gating	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
3:00-3:15	BREAK	 SPONSORED BY BIOLEGEND	GBSF 1005
3:15-4:15	Controls	Jonathan Van Dyke, Technical Manager, UCD Flow Cytometry Core	GBSF 1005
4:15 - 4:30	CITE-Seq	Avi Perna, BioLegend	GBSF 1005
4:30-5:15	Trivia and Wrap-up	Bridget McLaughlin & Jonathan Van Dyke, UCD Flow Cytometry Core	GBSF 1005



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July 17th

Tuesday

Time	Topic	Speaker	Room
8:30 - 12:00		LECTURES	
8:30 - 9:30	Characterization and Experimental Setup	Jonathan Van Dyke, Technical Manager, UCD Flow Cytometry Core	GBSF 1005
9:30 - 10:30	Intro to Data Analysis with FlowJo Part 1	Bridget McLaughlin, Co-Director, & Jonathan Van Dyke, Technical Manager, UCD Flow Cytometry Core	GBSF 1005
10:30 - 10:45	BREAK	 SPONSORED BY Beckman Coulter	
10:45 - 12:00	Intro to Data Analysis with FlowJo Part 2	Bridget McLaughlin, Co-Director, & Jonathan Van Dyke, Technical Manager, UCD Flow Cytometry Core	GBSF 1005
12:00 - 1:00	LUNCH	 SPONSORED BY FLOWJO, LLC	
1:00 - 2:45		LABS	
	LSRII Lab	Lab Group #1	3425 Tupper
	Astrios Lab	Lab Group #2	3425 Tupper
	Amnis Lab	Lab Group #3	2135 Tupper
	Miltenyi Lab	Lab Group #4	3229 Tupper
2:45 - 3:15	BREAK	2133 Tupper	
3:15 - 5:00		LABS	
	Astrios Lab	Lab Group #1	3425 Tupper
	LSRII Lab	Lab Group #2	3425 Tupper
	Miltenyi Lab	Lab Group #3	3229 Tupper
	Amnis Lab	Lab Group #4	2135 Tupper
5:00	ADJOURN		

My Flow Notes:



Flow Cytometry 2018 July 16-20

July 18th

Wednesday


Time	Topic	Speaker	Room
8:30 - 12:00	LECTURES		GBSF 1005
8:30 - 9:15	Cell Preparation Considerations	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
9:15 - 10:00	Intracellular Staining	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
10:00 - 10:15	PrimeFlow: Simultaneous Protein and mRNA Detection by Flow Cytometry + Super Bright polymer dyes	Jinsoo Joo, Technical Specialist, Thermo Fisher Scientific, eBioscience Affymetrix	GBSF 1005
10:15-10:30	BREAK  	SPONSORED BY TAKARA CLONTECH	GBSF 1005
10:30 - 11:00	"Single-Cell Cloning of Human iPS Cells – An Optimized Culture System for Creating Highly Pluripotent, Edited Clonal Lines"	Marcia Mednick, Applications Scientist, Takara Clontech	GBSF 1005
11:00 -12:00	Statistics	Bridget McLaughlin, Technical Director, UCD Flow Cytometry Core	GBSF 1005
12:00 - 1:00	LUNCH 	LUNCH SPONSORED BY Miltenyi Biotec	2133 & 2135 Tupper
1:00 - 2:45	LABS		
	Amnis Lab	Lab Group #1	2135 Tupper
	Miltenyi Lab	Lab Group #2	3229 Tupper
	LSRII Lab	Lab Group #3	3425 Tupper
	Astrios Lab	Lab Group #4	3425 Tupper
2:45 - 3:15	BREAK 	SPONSORED BY AMNIS, part of MilliporeSigma	2133 Tupper
3:15 - 5:00	LABS		
	Miltenyi Lab	Lab Group #1	3229 Tupper
	Amnis Lab	Lab Group #2	2135 Tupper
	Astrios Lab	Lab Group #3	3425 Tupper
	LSRII Lab	Lab Group #4	3425 Tupper
5:00	ADJOURN		

Flow Cytometry 2018 July 16-20



July 19th

Thursday



Time	Topic	Speaker	Room
8:30 - 12:00	LECTURES		GBSF 1005
8:30 - 10:00	Multicolor Panel Design	Bridget McLaughlin, Technical Director, UCD Flow Cytometry Core	GBSF 1005
10:00 - 10:15	BREAK	 SPONSORED BY INVITROGEN BY THERMO FISHER SCIENTIFIC	GBSF 1005
10:15 - 11:15	Practical Panel Design	Bridget McLaughlin, Technical Director, & Jonathan Van Dyke, Technical Manager, UCD Flow Cytometry Core	GBSF 1005
11:15 - 12:00	New Tools for Cellular Analysis	Jolene Bradford, MLS(ASCP) ^{CM} , CCy Associate Director R&D, Thermo Fisher Scientific	GBSF 1005
12:00 - 1:00	LUNCH	 LUNCH SPONSORED BY INVITROGEN BY THERMO FISHER SCIENTIFIC	2133 & 2135 Tupper
1:00 - 2:45	LABS		
	Cytek Lab	Lab Group #1	2135 Tupper
	BD Lab	Lab Group #2	2433 Tupper
	Cytoflex Lab	Lab Group #3	3229 Tupper
	FlowJo Lab	Lab Group #4	3132 Tupper
2:45 - 3:15	BREAK	 SPONSORED BY INVITROGEN BY THERMO FISHER SCIENTIFIC	2133 Tupper
3:15 - 5:00	LABS		
	BD Lab	Lab Group #1	2433 Tupper
	Cytek Lab	Lab Group #2	2135 Tupper
	FlowJo Lab	Lab Group #3	3132 Tupper
	Cytoflex Lab	Lab Group #4	3229 Tupper
5:00	ADJOURN		



Flow Cytometry 2018 July 16-20

July 20th

Friday

<i>Time</i>	<i>Topic</i>	<i>Speaker</i>	<i>Room</i>
8:30 - 12:00	LECTURES		GBSF 1005
8:30 - 9:15	Troubleshooting	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
9:15-9:45	Applications & Allied Technologies	Bridget McLaughlin, Co-Director, UCD Flow Cytometry Core	GBSF 1005
9:45-10:00	BREAK 	SPONSORED BY CYTEK	GBSF 1005
10:00-10:45	Flow Cytometry Historical Perspective	Marty Bigos, Director (Retired, Emeritus), Stanford University Shared FACS Facility	GBSF 1005
10:45 - 11:45	Standardizing Fluorescence and Mass Cytometry for Clinical Studies	Dr. Holden Maecker, Director Human Immune Monitoring Center, Stanford School of Medicine	GBSF 1005
11:45-12:00	GROUP PICTURE & CERTIFICATES	Dr. Denneal Jamison-McClung & Bridget McLaughlin	GBSF 1005
12:00-1:00	LUNCH 	LUNCH SPONSORED BY BD	2133 & 2135 Tupper
1:00 - 2:45	LABS		
	Cytoflex Lab	Lab Group #1	3229 Tupper
	FlowJo Lab	Lab Group #2	3132 Tupper
	Cytek Lab	Lab Group #3	2135 Tupper
	BD Lab	Lab Group #4	2433 Tupper
2:45 - 3:15	BREAK		2133 Tupper
3:15 - 5:00	LABS		
	FlowJo Lab	Lab Group #1	3132 Tupper
	Cytoflex Lab	Lab Group #2	3229 Tupper
	BD Lab	Lab Group #3	2433 Tupper
	Cytek Lab	Lab Group #4	2135 Tupper
5:00	ADJOURN		