

CFAR Immunology Core Hosted T-cell/B-cell Flow Cytometry Workshop

Jan 31st, 2023, 9AM to 4PM

001 MSRB I

9:00 - 9:05 AM	Welcome	Guido Ferrari
9:05 - 9:20 AM	Introduction to the Basic Principles of Multi-Parameter Flow Cytometry	Guido Ferrari
9:20 – 9:30 AM	Assessing Instrument Configuration - Lasers - Optimization	Amanda Foreman
9:30-9:40 AM	Compensation Basics - Why do we need compensation - Old vs new methodologies	Sarah Mosier
9:40 -9:55 AM	Sample Types, Preparation and Handling - Time to collection - Processing	Guido Ferrari & Derek Cain
9:55 - 10:10 AM	Setting up a panel	Derek Cain
10:10 - 10:25 AM	Who are the Cores and how can they assist you? - DHVI Flow Cytometry Facility - VGA Core - DIPC (Duke Immune Profiling Core) - EQAPOL Flow Cytometry Program	Derek Cain Bhavna Hora Prekshaben Patel Sarah Mosier
10:25 - 10:30 AM	Close of Overview Section	Wilton Williams
10:30 - 10:45 AM	Tea and Coffee Break	
10:45 - 11:30 AM	Breakout I - B-Cell Group (MSRBI rm 001) - Phenotype - Antigen specificity - T-Cell Group (MSRBIII rm 1125) - Peptide stimulation - Phenotype - Antigen specificity	B-cell: Wilton Williams Zekun (Charlie) Mu T-cell: Guido Ferrari Danielle Nettere
11:30 – 12:15 PM	Breakout II: presenters swap locations and repeat	
12:15 – 1:00 PM	Q&A	All Facilitators
1:00 - 2:00 PM	Lunch Break	
2:00 -4:00 PM	Introductory FlowJo training	John Quinn