

**Workshop on Multicolor Flow Cytometric Immunophenotyping 2018**  
**Venue: Laboratory Oncology, All India Institute of Medical Sciences, Delhi**  
**Dates: 31st October- 1<sup>st</sup> November, 2018**  
**Workshop Coordinator: Dr. Tina Dadu; Dr. Deepshi Thakral & Mrs. Saroj Singh**

<b>Scientific Program: Day 1</b> 31 <sup>st</sup> October, 2018	
9:00 -10.00 am	<b>Key Note Address</b>
10:00-10:30 am	<b>TEA BREAK</b>
<b>Session 1: Instrument Variable</b>	
10:30 am -1:00 pm	Instrument Configuration, Resolution, Performance Characteristics, Cytometer Setup and Tracking (CS & T), Setting Baseline PMT Voltages, Inter-instrument Standardization
1.00 - 2.00 pm	<b>LUNCH</b>
<b>Session 2: Reagent Variable: Fluorochromes &amp;Antibodies</b>	
2:00 -3:00 pm	Spectral Characteristics, Brightness (Stain Index), Spectral Spillover and Spread (Spill Index, Spread Index) Compensation (Cell-Based, Bead-Based)
3.00-4.00 pm	Antigen-Antibody Interaction, Titration, Antigen Density, Viability Dyes, Non-specific Background, Blocking Buffers
4.00-4.30 pm	<b>TEA BREAK</b>
<b>Session 3: Panel Design and Validation</b>	
4.30-6.00 pm	Experiment Design and Analysis Strategies, OMIPs Panel Design: Step by Step (6C, 8-C, 10C, 12-14C; FMO Controls)
<b>Scientific Program: Day 2</b> 1 <sup>st</sup> November, 2018	
9:00 -10:00 am	Review of Day 1
10:00-10:30 am	<b>TEA BREAK</b>
<b>Session 4: Application Specific Panel Design</b>	
10.30-11.30 am	List mode Data
11.30 am-12.30 pm	Research (T/B/NK/Mono/DC-subsets) Clinical (MDS panels)
12.30-1.30 pm	Break-off Groups: Design your Panels De-Brief and Report back
1.30 -2.30 pm	<b>LUNCH</b>
<b>Session 5: Troubleshooting</b>	
2:30 – 3.30 pm	Case Studies; Open Hour Discussion
3.30 pm	<b>VALEDICTORY &amp; TEA</b>