



ISHICON

2<sup>nd</sup> - 4<sup>th</sup> February 2024, MGUMST, Jaipur, INDIA



*Evolving Landscape of Immunogenetics and Transplant Evaluation*

<b>Pre-Conference Workshop II</b>	
<b>Feb 01, 2024 (Thursday)</b>	
<b>Venue : Skill Lab, Lower Ground Floor, Radha Krishan Block &amp; Transplant Immunology Lab, Second floor, Haematology Tower MGMUST Campus</b>	
<b>Advancements in Flow Cytometric Crossmatch (Halifax Protocol)</b>	
<b>Director</b>	<b>Prof. Robert Liwski</b> Head, Division of Hematopathology Medical Director, HLA Typing Laboratory Professor, Department of Pathology Dalhousie University, Canada
<b>Coordinators</b>	Uma Kanga, R M Jaiswal, Suraj Godara
<b>Time</b>	<b>Topic</b>
08:00 – 8:45*	REGISTRATION (Skill Lab, Lower Ground Floor, Radha Krishan Block)
08:45 – 9:00*	INAUGARATION
<b>SESSION 1 : BASICS OF HLA AND GENOTYPING TOOLS</b>	
09:00 – 09:40*	The complexity of HLA diversity, structure, function, and evolution
09:40 – 10:20*	HLA tissue typing technologies (Serology, SSP, SSO, SBT, and NGS) and strategies for efficiently delivering accurate HLA typing results
10:20 – 10:35*	Break
<b>SESSION 2 : BAG TECHNICAL TALK</b>	
10:35 – 11:15*	Precise HLA antibody Identification: Advantages of automation Kristin Launhardt , BAG Diagnostics
<b>SESSION 3 : WERFEN TECHNICAL TALK</b>	
11.15 – 12:00*	Approach to antibody monitoring in Transplant Christine Heylen, Immucor
<b>SESSION 4 : FLOW CROSSMATCH WET WORKSHOP</b> Venue: Transplant Immunology Lab, Second Floor, Haematology Tower, MGMUST Campus, Sitapura	
12:00 – 12:30	Introduction to Halifax Crossmatch: Assay protocol and key issues
12:30 – 13:15	Wet lab demonstration of the assay and data acquisition
13:15 – 14:00	Lunch Break
14:00 – 16:30	Wet lab demonstration of the assay and data acquisition
16:30 – 17:30	<b>User group discussion:</b> Standardisation of flowcytometry cross-match in Indian setting <b>Chair:</b> Narinder K Mehra <b>Discussants:</b> Robert Liwski, Paresh Jain, Anil Handoo , Aseem Tiwari, R M Jaiswal
17:30-18:00	Open Discussion