Pre-Conference Workshop I **Feb 01, 2024 (Thursday)** **Venue : Skill Lab, Lower Ground Floor, Radha Krishan Block, MGUMST Campus, Sitapura, Jaipur**	
Current Science and Technologies in Clinical Histocompatibility Testing	
Director	**Prof. Raja Rajalingam,** Director, Immunogenetics and Transplantation Laboratory University of California San Francisco(UCSF) San Francisco, USA
Coordinators	Uma Kanga, Gurvinder Kaur, Gaurav Sharma
Time	**Topic**
08:00 – 8:45* 08:45 – 9:00*	REGISTRATION **(Skill Lab, Lower Ground Floor, Radha Krishan Block)** INAUGARATION
SESSION 1: BASICS OF HLA AND GENOTYPING TOOLS	
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 results
10:20 – 10:35*	Break
SESSION 2 : BAG TECHNICAL TALK	
10:35 – 11:15*	Precise HLA antibody Identification: Advantages of automation Kristin Launhardt , BAG Diagnostics
SESSION 3 : WERFEN TECHNICAL TALK	
11.15 – 12:00*	Approach to antibody monitoring in Transplant Christine Heylen, Belgium
SESSION 4: ANTIBODY MONITORING IN TRANSPLANT	
12:00 – 13:15	Crossmatching methods (CDC, Flow cytometry, Virtual) and risk assessment for clinical transplantation
13.15 – 14:00	Lunch Break
14:00 – 15:00	The challenges presented by confounding variables regarding the usefulness of non-HLA antibody testing in kidney transplantation
15:00 – 6:30	Components of monitoring the quality system to ensure high-quality typing, antibody assays, and crossmatch testing
16:30 – 17:00	Open Discussion

*Indicates common joint sessions e.g. Session 1,2 & 3 for Workshops (I & II) participants.