

# Pre-conference Workshop on Histocompatibility and Immunogenetics ISHICON-2016





1<sup>st</sup> December, 2016. Chandigarh, India


Organized by the Department of Immunopathology, PGIMER, Chandigarh



## SCIENTIFIC PROGRAM, WORKSHOP

Thursday, Dec 1, 2016

8.30 to 9.00 Hrs		REGISTRATION	
HALL A		HALL B	
<b>Module I: Flow cytometry (Cross-match)</b>		<b>Module II: Luminex</b>	
09:00 to 09.30 Hrs	Clinical aspects (Prof. Biman Saikia)	09.00 to 09.15 Hrs	Introduction (Dr. Ramona Chopra, Immucor)
09.30 to 10.00 Hrs	Technical aspects: Dr. Ritesh Aggarwal (Beckman Coulter)	09.15 to 09.45 Hrs	Technical aspects (Sanyog Bhardwaj, Immucor)
10.00 to 10.15 Hrs	Technical aspects: Dr. Vinay (Beckton Dickinson)	09.45 to 10.15 Hrs	Clinical Applications (Prof. Ranjana Minz, PGIMER)
10.15 to 11.00 Hrs	Pre-analytical issues: Mr Heera Singh (PGIMER)	10.15 to 11.00 Hrs	Pre-analytical issues: Dr. Ravi Dhital (PGIMER)
11.00 – 11.15 Hrs		 <b>Coffee Break</b>	
11.15 to 12.00 Hrs	Sample processing	11.15 to 12.00	Sample processing
12.00 to 12.30 Hrs	Data acquisition and interpretation	12.00 to 12.30 Hrs	Data acquisition and interpretation
12.30 to 13.00 Hrs	<b>Panel discussion:</b> Dr(s). Ranjana, Biman, Ritesh, Vinay, Tribhuvan, Mr. Heera.	12.30 to 13.00 Hrs	<b>Panel discussion:</b> Dr(s). Ranjana, Medhat Askar, Varsha Trivedi, Ramona, Ravi Dhital, , Mr. Sanyog, Mr. Manoj.
<b>Equipments:</b> Navios (Beckman Coulter) LSR Fortessa (Beckton Dickinson) <b>Sponsors:</b> Beckton Dickinson Beckman Coulter		<b>Equipments:</b> Luminex 200 <b>Sponsor:</b> Immucor India	
13:00- 14:00		 <b>Lunch</b>	

Module III: Automated HLA Typing (SSP & SSOP)		Module IV: Next Generation Sequencing	
14:00 to 14.05 Hrs	Welcome Address (Dr. Ritu Aggarwal)	14:00 -14:05 Hrs	Welcome Address (Dr. Ramona Chopra)
14.05 to 15.00 Hrs	Histo spot® system – Automatd HLA typing & HLA antibody analysis (Dr. Kristin Launhardt, Product Manager, BAG Health Care GmbH, Germany)	14:05 -14:20 Hrs	Basics of NGS (Dr. Uma Kanga, AIIMS)
14:20-15:00 Hrs	Automation in HLA-SSP-fluorescence based (Mr. Durgesh K. Shukla)	14:20-15:00 Hrs	NGS- Instrument Options- Illumina (Avinash Negi)
15:00 -16:00 Hrs	Wet workshop-Histospot	15:00 -16:00 Hrs	MIAFORA FLEX KITS: Workflow and details (Sanyog Bhardwaj)
16:15-17:00 Hrs	Wet workshop-Automated SSP System (Inno-Train)	16:15-17:00 Hrs	Immucor Software & Analysis for the Samples (Sanyog Bhardwaj)
17.00 Hrs	Closing comments	17:00 Hrs	Closing Comments (Dr Ramona Chopra)
17.00 to 17.05 Hrs	 <b>Coffee Break</b>		
		17.05-18.00 Hrs	The true story about NGS HLA typing (Mr. Jan Duiker from GenDx, The Netherlands)
<b>Equipments:</b> <ol style="list-style-type: none"> <li>Automated SSP System, HLA-Fluogene (Inno-Train)</li> <li>Automated SSOP System. MR.SPOT Processor (Bag Healthcare)</li> </ol> <b>Sponsors:</b> <ol style="list-style-type: none"> <li>Shiva Scientific (Bag Healthcare)</li> <li>Vision Diagnostics (Inno-Train)</li> </ol>		<b>Equipments:</b> MiSeq Sequencer- Illumina <b>Sponsors:</b> Immucor India Premas Lifescience	