



Indian Society for Histocompatibility and Immunogenetics

ISHI-TC 2024

Training Course on Transplant Immunology

1 - 2 December 2024 SET Facility, Convergence Block, AIIMS, New Delhi, India



18.0 contact hours or 2.7 CECs

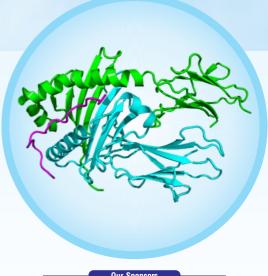
ACHI: 2024-85 CA: 0085 FL: 50-2203

Organised by:

Dr. Uma Kanga **Department of Transplant Immunology and Immunogenetics All India Institute of Medical Sciences** (AIIMS) New Delhi

Organisers

Dr. Ajay Baranwal, AMC Dr. Meenakshi Singh, ACTREC, Mumbai Dr. Sanieev Goswami, AIIMS, New Delhi Dr. Yoginder Pal Singh, Agilus Gurugram Dr. Prabin Kumar, AlIMS, New Delhi



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Scientific Program



Scientific Program submitted for ACHI Continuing Education credit ISHI Training Course on Transplant Immunology



Day 1- 1st Dec, 2024 (Sunday)

Time	Duration	Title	Speaker
08:15		REGISTRATION	
9:00-9:05	5 min	Welcome	Secretary- ISHI
9:05-9:15	10 min	Opening Remarks	President- ISHI
9:15 -10:00	45 min	Lecture 1- Histocompatibility and Immunogenetics - Historical perspective with Global and Indian scenario	Narinder K Mehra INSA, New Delhi
10:00-10:45	45 min	Lecture 2- HLA Molecules Uncovered: Structure, polymorphism, Diversity, Function and their Role in Alloimmune Response and Transplantation	Raja Rajalingam UCSF, USA
10:45-11:00	15 min	BREAK/TEA/COFFEE	
11:00- 11:45	45 min	Lecture 3- The evolution of HLA typing technologies and the impact on donor selection strategies	Yoginder Pal Singh Agilus, Gurugram
11:45-12:30	45 min	Lecture 4- Principles and systematic approach to characterizing clinically relevant HLA antibodies	Raja Rajalingam UCSF, USA
12:30-13:15	45 min	Lecture 5- Renal Transplantation- current practices and AIIMS experience	Sandeep Mahajan AIIMS, New Delhi
13:15-14:15	60 min	LUNCH	
14:15-15:45	90 min	Presentations by Participants (8 min each) x 10	
15:45-16:15	30 min	User Group Meeting- Technical Session I	Shiva Scientific
16:15-16:30	15min	BREAK/TEA/COFFEE	
16:30-17:15	45 min	Lecture 6- Cell-based cross matching methods- (CDC and flowcytometry) and risk assessment for clinical transplantation	Ajay Baranwal AMC
17:15-18:00	45 min	Lecture 7 - Virtual cross match: basics and practice in a large volume multi organ transplant program	Raja Rajalingam UCSF, USA
18:00-18:45	45 min	Group Discussion - Developing an ISHI Guideline Document on Efficient Clinical Histocompatibility Testing Pathways	Panelists and Course Faculty
19:30- 21:00		COURSE DINNER- at Faculty Club Lawns, AIIMS	



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Day 2- 2nd Dec, 2024 (Monday)

Time	Duration	Title	Title
09:00-09:45	45 min	Lecture 7- KIR genes- structure, evolution and diversity	Raja Rajalingam UCSF, USA
09:45-10:30	45 min	Lecture 8- NK Cell Immunogenetics: Role in transplantation and cancer immunotherapy	Raja Rajalingam UCSF, USA
10:30-10:45	15min	BREAK/TEA/COFFEE	
10:45-11:15	30 min	Lecture 9- Donor Selection strategies for matched and mismatched HSCT	Meenakshi Singh ACTREC, Mumbai
11:15-12:00	45 min	Lecture 10- Hematopoietic Stem Cell Transplantation: Global practices and AIIMS experience	Ranjeet K Sahoo AIIMS, New Delhi
12:00-12:30	30 min	Lecture 11 - Chimerism testing for engraftment monitoring-technology advancements	Uma Kanga AIIMS, New Delhi
12:30-13:30	60 min	LUNCH	
13:30-15:00	90 min	Presentations by Participants- (8 min each) x 10	
15:00-15:30	30 min	User Group Meeting - Technical Session II	Werfren
15:30-15:45	15 min	BREAK/TEA/COFFEE	
15:45-16:45	60 min	Lecture 12- Components of monitoring and quality Systems to ensure high quality testing in Transplant Immunology laboratories (HLA genotyping, Crossmacth, antibody assays and chimerism monitoring)	Raja Rajalingam UCSF, USA
16:45-17:45	60 min	Panel Discussion	Monika Jain Varsha Trivedi Anil Handoo Raja Rajalingam Narinder K Mehra
17:45-18:00	15 min	Closing	

Faculty and Panelists

Prof Narinder K Mehra INSA, New Delhi Prof Raja Rajalingam UCSF, USA Prof Sandeep Mahajan AIIMS New Delhi Prof Ranjit Sahoo AIIMS New Delhi

Dr Uma Kanga AIIMS New Delhi Dr Ajay Baranwal

Dr Meenakshi Singih ACTREC, Mumbai

Dr Anil Handoo BLK Hospital, New Delhi Dr Varsha Trivedi Unipath Labs, Ahmedabad Dr Monika Jain SGRH. New Delhi Dr Yoginder Pal Singh Agilus , Gurugram