



26TH SEPTEMBER, 2024

PRE-CONFERENCE
WORKSHOP

TRANSPLANT
IMMUNOLOGY AT ITS BEST



Venue:

Madras Medical College, Chennai



Time:

9.00 am to 5.00 pm

Travelling through time, from the time tested complement dependent cytotoxicity assay of the 60's to the currently sung hero -the single antigen bead assay, this workshop will navigate you through the varied tests and platforms of testing within the transplant arena, which have allowed for crossing previously set barriers, without compromising on graft longevity. Molecular platforms for defining HLA, from the SSP, SSOP to the NGS, platforms for antibody testing from the CDC, to the flowcytometric and luminex based platforms, Non HLA targets in transplant, the concept of epitope matching, their roles, pros and cons and more - will through a series of interactive case discussions, lectures, and demonstrations be addressed. Feasibility, accessibility and sustainability is key if equity in patient care is to be achieved. Come take part in a stimulating set of sessions as we discuss , debate and arrive at cost effective solutions that bring the best to the bedside of our patients in the area of transplant immunology.

ISTM - TRANSMEDCON – 2024

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SCHEDULE

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Transplant immunology at it's best

| TIMINGS | TOPIC | LEAD FACULTY |
|------------------|---|---|
| 7.30 - 8.30 AM | Registration | Dr. Aseem Tiwari |
| 8.30 - 9.00 AM | Inaugural | |
| 9.15 - 9.30 AM | Welcome, Introduction and pre test | Dr. Latha / Dr. Aseem |
| 9.30 - 9.45 AM | Why are HLA and anti HLA antibodies important? | Dr. Aseem Tiwari |
| 9.45 - 10 AM | Platforms for HLA typing | Mr. Sam Aruldoss |
| 10.00 - 10.20 AM | CDC crossmatch | Dr. Ankit Mathur |
| 10.20 - 10.40 AM | Coffee | |
| 10.40 - 11.10 AM | Flowcytometric crossmatch | Dr. Anil Handoo |
| 11.10 - 11.40 AM | Luminex based antibody testing | Mr. Sam Aruldoss |
| 11.40 - 12.10 PM | Role of HLA and Anti HLA antibodies in renal Tx and HSCT | Dr. Dolly Daniel |
| 12.10 - 12.40 PM | Epitopes and Non HLA antibodies in the transplant setting | Dr. Aseem Tiwari |
| 12.40 - 1.30 PM | Lunch Break | |
| 1.30 - 3.00 PM | Clinical case discussion with algorithms as a wind up | Moderator: Dr Aseem / Dr Dolly Panelists: Dr. Anil, Dr. Aseem, Mr. Sam, Dr. Ankit, Dr. Sreedevi, and Dr. Chitra |
| 3.00 - 4.30 PM | Walk around the lab with demonstrations | |
| 4.30 - 5.00 PM | Feedback, Post Test and certificates , followed by coffee | |