

Workshop Faculty

Prof. Medhat Askar

Prof. Mirza Naqj Zafar

Prof. Rana Muzaffar

Prof. Tahir Aziz

Dr. Salma Batool

Dr. Khawar Abbas

Dr. Sabiha Anis

Dr. Aiysha Abid

Dr. Sadaf Firasat

Dr. Wajiha Musharraf

Dr. Ali Raza

Workshop on Transplant Immunology

March 15-16, 2018



Highlights

- ▶ Epitope Matching (concept and tools)
- ▶ Next Generation Sequence Based HLA Typing
- ▶ Non-Invasive Markers of Rejection and Interpretation
- ▶ Methods of Antibody Detection
- ▶ Transplant in Highly Sensitized
- ▶ Autoimmune Markers in Pre-transplant assessment
- ▶ Pharmacogenomics
- ▶ Non HLA Antibodies

by
Medhat Askar
*MD, PhD, MSHPE, FRCPATH, D(ABHI),
D(ABMLI), HCLD(ABB)*
Director, Baylor Transplant Immunology Centre,
Professor, Texas A&M College of Medicine,
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Venue: Agha Hassan Abedi Auditorium



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Dr. Medhat Askar

Director of Transplant Immunology, at Baylor University Medical Center, Dallas Texas and Clinical Professor at the Department of Pathology and Laboratory Medicine, Texas A&M College of Medicine. After completing his MD and PhD (Cairo, Egypt) he trained in transplant immunology at Thomas Starzl Transplantation Institute (Pittsburgh PA). He is board certified by the American Board of the Histocompatibility and Immunogenetics, the American Board of Medical Laboratory Immunology. And the American Board of Bioanalysis. He is also a fellow of the Royal College of Pathologists (Lodon, UK) His is a passionate educator with a master degree in Health Profession Education. He Has published and given many lectures on various topics of histocompatibility, transplant immunology, laboraty accreditation and medical education to multi-disciplinary healthcare professionals at various stages of their careers. Dr. Askar is currently the President-Elect of the American Board of Histocompatibility and Immunogenetics (ABHI) Senior Vice Chair of the Education Committee of ASHI. Dr. Askar has served previously as an ASHI ARB Commissioner and on the Scientific Affairs Committee, Quality & Standards Committee, Director Training Review & Credentialing Committee and Annual Meeting Program Planing Committee. He is also Councilor to the Transplantation Society (TTS) representing North America, the Co-Chair of TTS Education Committee and a project leader for the Next Generation Sequencing (NGS) in the 17th and 18th International HLA and Immunogenetics Workshop and a Principle Investigator on a number of study protocols through the center for International Blood and Marrow Transplant Research (CIBMTR).

Dr. Askar has published more than 150 papers in international journals and contributed several chapters in the subjects of transplant and transplant immunology. He serves on the editorial boards of several journals and is an associate editor of the American Journal of Transplantation.

Programme

Thursday

15rd

March
2018

Venue: Agha Hassan Abedi Auditorium (DFMC)

Master of Ceremony – *Dr. Wajiha Musharraf*

14:00 Welcome address by *Prof. Mirza Naqi Zafar*

14:15 Epitope Matching concepts and tools – *Prof. Medhat Askar*

14:45 Methods of antibody detection and interpretation
– *Dr. Khawar Abbas*

15:05 Transplant in highly sensitized – *Dr. Tahir Aziz*

15:25 Autoimmune markers in pre-transplant assessment
Developing world perspective – *Dr. Sabiha Anis*

15:45 Pharmacogenomics – *Prof. Medhat Askar*

16:30 Introduction to workshop – *Prof. Rana Muzaffar*

16:45 Tea

Friday

16th

March
2018

Venue: Agha Hassan Abedi Auditorium (DFMC)

09:00 Next generation sequencing based HLA Typing
– *Prof. Medhat Askar*

09:30 **Hands on workshop**

DNA sequencing

– *(Center for Human Genetics & Molecular Medicine, 5th floor, DFMC)*

Antibody detection methods

– *(Immunology Department, 13th floor, Transplant tower)*

12:30 Lunch and Friday prayer

14:30 Liquid biopsy by means of cell free DNA – *Prof. Medhat Askar*

15:00 Interpretation of Luminex antibody detection
– *Prof. Medhat Askar*

16:00 Non-HLA antibody detection – *Prof. Mirza Naqi Zafar*

17:00 Certificate distribution and closing ceremony

17:15 Vote of thanks – *Dr. Salma Batool*