

25th INDO-US Flow Cytometry Workshop on

"Flow Cytometry Applications in Characterization of Stem Cell and Sorting"

Jointly Organized by

Trust for Education and Training in Cytometry (TETC), India
Center for Advance Research, King George's Medical University, Lucknow

7th February, 2024

Venue: Center for Advance Research, King George's Medical University, Lucknow, Uttar Pradesh

HIGHLIGHTS

- **Introduction**
- **Stem Cell Analysis**
- **Sample Preparation (Hands-On)**
- **Instrument Setup & QC**
- **Stem Cell Sorting**
- **Data Analysis & Presentation**

FACULTY

Prof. Soniya Nityanand
KGMU, Lucknow

Dr. Rui Gardner
Memorial Sloan Kettering Cancer Center, USA

Dr. Hemant Agrawal
TETC, India

Dr. Vivek Tanavde
Ahmedabad University, India

Dr. Himanshu Tillu
Flowcytometry Solutions, India

Prof. Rashmi Kushwaha
KGMU, Lucknow

Dr. S P Verma
KGMU, Lucknow

Dr. Satyendra Kumar Singh
KGMU, Lucknow



INDO-US WORKSHOP COMMITTEE

Patron
Awtar Krishan

Organizing Chairperson
Rekha Gour

Organizing Secretaries
Hemant Agrawal
Satyendra Kumar Singh
Khaliqur Rahman
G Sunil Babu
Mrigank Srivastava

Members
Vivek Tanavde
H. Krishnamurthy
Himanshu Tillu
Maya Gupta
Rajendra Kumar
Abhishek Pandeya

Advisory Committee
R. C. Sobti
Arvinder Singh
P. N. Razdan
Paul Wallace
William Telford
Rui Gardner

LOCAL ORGANIZING COMMITTEE

Patron
Prof. Soniya Nityanand
Vice Chancellor
KGMU

Co-Patron
Prof. Apjit Kaur
Pro Vice Chancellor

Organizing Chairperson
Prof. Amita Jain
Dean, Academics

Organizing Co-Chairperson
Prof. Vimala Venkatesh
Faculty Incharge

Organizing Secretary
Dr. Satyendra Kumar Singh

Co-Organizing Secretary
Prof. Rashmi Kushwaha

Scientific Committee
Prof. Vijay Kumar
Prof. Renu Singh
Prof. Umesh Verma
Dr. Monika Agarwal
Dr. Shah Walliwullah
Dr. Nishant Verma

Advisory Committee
Prof. Vijay Kumar
Prof. Amod Kumar Sachan
Prof. Ved Prakash
Prof. Shailendra Saxena
Dr. Ashutosh Srivastava
Dr. Nitu Nigam
Dr. Anshu Priya

REGISTRATION

Registration Fee

BSc/ MSc Students/Technologist	**INR 2000**
PhD-students	**INR 2500**
Faculty/Postdoc/JR/SR	**INR 3000**

Last Date of Registration
30th January 2024

Please click Register Now button above to register for the workshop

Register Now

Registration fee is not refundable

Contact Us at:

satyendraks@kgmcindia.edu
indiatetc@gmail.com

Website

www.tetc.in/2024



About KGMU

King's George Medical University (KGMU) is a renowned medical institute and one of India's top universities for the medical and dental sciences. Since its inception, this medical college has been committed to providing exceptional medical education, unmatched medical ethics, and exceptional patient care and research. KGMU is a tertiary care center with more than 68 departments of different specialties.

About CFAR

The Centre for Advanced Research (CFAR) at King George's Medical University (KGMU) is a leading research center specializing in cutting-edge biomedical sciences. Established on September 29, 2013, as an independent department of KGMU, CFAR is dedicated to conducting high-quality research and providing training in modern biomedical sciences. The center focuses on promoting state and national facilities for innovative techniques in interdisciplinary biomedical research.

About INDO-US Workshops & Trust for Education and Training in Cytometry (TETC)

The INDO-US flow cytometry workshops in India were started by Prof. Awtar Krishan (USA) in 2002. These workshops were started with Indian scientists with a vision of bringing experts from India, USA and abroad to the same platform, where their expertise can be harnessed by the participants to understand the basics and advanced concepts in flow cytometry and to apply this insight to their biological research and clinical diagnostics.

These workshops are conducted in collaboration with educational and research institutes, universities, hospitals etc all over India. International and National faculties are invited to these workshops to deliver the lectures and conduct wet labs. Since 2002, these workshops have been generously supported by government funding agencies, international societies, corporates and technology manufacturers.

Looking at the increasing demand and requirement of these educational programs, Prof. Awtar Krishan, a visionary and father of flow cytometry education in India, decided to form a non-profit organization, in the year 2018. The responsibility for the same was given to Dr. Rekha Gour, who has been associated with INDO-US Flow cytometry workshops since 2002. The Trust has been registered as “Trust for Education and Training in Cytometry (TETC)” in 2018.

TETC carries out flow cytometry educational activities independently and in collaboration with national and international organizations through onsite and online programs. The sole aim of TETC is to provide a platform for biomedical students, technologists, scientists etc. to gain the basics and advanced knowledge about flow cytometry directly from national and international experts, who are involved in education and training in flow cytometry all over the world.

TETC is carrying the legacy ahead and is organizing SILVER JUBILEE edition of 25th INDO-US Flow Cytometry Workshop from 7th February 2024 at the Centre for Advanced Research (CFAR) at King George's Medical University (KGMU), Lucknow.

25th INDO-US Flow Cytometry Workshop on
"Flow Cytometry Applications in Characterization of Stem Cell and Sorting"
(Tentative program)

Time	Title	Speaker
8:30 -9.00 AM	REGISTRATION	
09:00 – 10.00 AM	Introduction Flow cytometry & its application in cell sorting	Dr. Rui Gardner Memorial Sloan Kettering Cancer Center, USA
10:00-10:15 AM	Inaugural Ceremony	
10:15- 10:45 AM	TBD	Prof. Soniya Nityanand Vice Chancellor, KGMU Lucknow
10:45 -11:00 AM	High Tea	
11:00 – 11:30 PM	Characterization of Hematopoietic Stem Cell	Dr. Satyendra Kumar singh KGMU
11:30-12:00 PM	Characterization of Mesenchymal Stem Cells	Dr.Vivek Tanavde Ahmedabad University
12.00- 12.20 PM	Stem Cell Enumeration by Flowcytometry	Dr. Rashmi Kushwaha KGMU
12.20 to 12.40 PM	Leukemia Stem Cell Maintenance in CML	Dr. S.P. Verma KGMU
12:40-1:45 PM	Lunch	
1:45-2:30 PM	Overview of Machine and Setup	Dr. Rui Gardener
2:30-3:15 PM	Sample preparation	Dr. Satyendra Kumar Singh/ Dr. Vivek Tanavde
3:15-4:15 PM	Cell sorting Setup and sorting	Dr. Rui Gardner
4:15-4:30 PM	Tea Break	
4:30-5:00 pm	Cell sorting Lab Continue	Dr. Rui Gardner
5:00-5:30 pm	Data Analysis	Dr. Hemant Agrawal TETC, Mumbai
5:30 -6:00 pm	Quiz, Feedback and Validatory	