


**25th INDO-US Flow Cytometry Workshop on
 “Flow Cytometry Applications in Characterization of Stem Cell and Sorting”
 7th February 2024, Brown Hall, KGMU, Lucknow**

Time	Title	Speaker
8:30 -9.0 AM	Registration	
09:00 – 9.30 AM	Basics of Flow cytometry	Dr. Hemant Agrawal TETC
09:30 – 10.30 AM	Introduction of Cell Sorting and Tts Applications in stem cells	Dr. Rui Gardner Memorial Sloan Kettering Cancer Center, USA
10:30-11:00 AM	Characterization of Hematopoietic Stem Cell	Dr. Satyendra Kumar singh, KGMU
11.00-11:15 AM	Inaugural Ceremony	
11:15- 11:45 AM	Potential of Stem Cell Research in Medicine	Prof. Soniya Nityanand Vice Chancellor, KGMU Lucknow
11:45 -12:00 PM	High Tea	
12:00 – 12:30 PM	Characterization of Mesenchymal Stem Cells	Dr.Vivek Tanavde Ahmedabad University
12:30- 12:50 PM	Stem Cell Enumeration by Flowcytometry	Dr. Rashmi KushwahaKGMU
12.50- 1.10 PM	Leukemia Stem Cell Maintenance in CML	Dr. S.P. Verma KGMU
1.10- 1.25 PM	BigFoot: The High-throughput, high-parameter Spectral Cell sorter	Dr. Anjan Ghosh Thermo Fisher
1:25 – 2:15 PM	Lunch Break	
2:15- 3:00 PM	Overview of Machine and Setup	Dr. Rui Gardener
3:00- 3:30 PM	Sample preparation	Dr. Satyendra Kumar Singh/ Dr. Vivek Tanavde
3:30 - 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	

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25TH  **INDO-US**
FLOW CYTOMETRY
WORKSHOPS

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

Instrument Setup & QC

Stem Cell Analysis

Stem Cell Sorting

Sample Preparation (Hands-On)

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

SILVER JUBILEE 25TH INDO-US FLOW CYTOMETRY WORKSHOPS

INDO-US WORKSHOP COMMITTEE

Patron

Awtar Krishan

Organizing Chairperson

Rekha Gour

Organizing Secretaries

Hemant Agrawal

Satyendra Kumar Singh

Khaliquir Rahman

G Sunil Babu

Mrigank Srivastava

Members

Vivek Tanavde

H. Krishnamurthy

Himanshu Tillu

Maya Gupta

Rajendra Kumar

Abhishek Pandeya

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R. C. Sobti

Arvinder Singh

P. N. Razdan

Paul Wallace

William Telford

Rui Gardner

LOCAL ORGANIZING COMMITTEE

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Prof. Soniya Nityanand

Vice Chancellor

KGMU

Co-Patron

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Pro Vice Chancellor

Organizing Chairperson

Prof. Amita Jain

Dean, Academics

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Prof. Vimala Venkatesh

Faculty Incharge

Organizing Secretary

Dr. Satyendra Kumar Singh

Co-Organizing Secretary

Prof. Rashmi Kushwaha

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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

31st 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



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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.