

**SILVER JUBILEE**  
**25<sup>TH</sup>**   **INDO-US**  
**FLOW CYTOMETRY**  
**WORKSHOPS**

**1-Day Symposium on**  
**“Career Development in Biological & Biomedical Sciences”**  
**6<sup>th</sup> February 2024** &  
**25<sup>th</sup> INDO-US Flow Cytometry Workshop on**  
**“Flow Cytometry and its Advanced Applications in Biological**  
**Sciences”**  
**7<sup>th</sup> - 8<sup>th</sup> February 2024**

**Jointly Organized by**  
**Trust for Education and Training in Cytometry (TETC), India, and**  
**CSIR-Central Drug Research Institute (CSIR-CDRI), Lucknow**  
**Venue: CSIR-CDRI, Lucknow, Uttar Pradesh, India**

**Symposium Highlights (6<sup>th</sup> Feb., 2024)**  
**Lectures and Panel Discussion on**

- Entrepreneurship & Company Startup
- Funding/Grants Opportunities
- Scientific Positions in R&D
- Opportunities in Corporates & Gov. Organizations
- Careers in Flow Cytometry
- Postdoctoral Opportunities

**Workshop Highlights (7<sup>th</sup> -8<sup>th</sup> Feb., 2024)**  
**Lectures and Wet Labs on**

- Introduction to Flow Cytometry
  - Instrument Setup, QC, Sample Preparation
  - Multicolor Immunophenotyping
  - Cell Health Analysis (MMP, ROS etc)
  - Cell Cycle/Cell Proliferation
  - Intracellular Cytokine Staining
  - Small Particle Analysis
  - Cell Sorting
  - Imaging Flow Cytometry
  - Spectral Flow Cytometry
  - High Dimensional Data Analysis
  - Publication Guidelines
  - Application of Flow Cytometry in elucidating the scientific basis for Traditional & Modern Drug Discovery.
- **Participants can choose up to 4 wet labs**
  - **The wet labs will be hands-on with close interaction in small groups**

**AWARDS**

- **Dr. Awtar Krishan Award: Based on the Quiz taken at the end of workshop from the topics covered in lectures, tutorials or wet labs**
- **TETC Poster and Oral Presentation Awards**
- **TETC Best published research paper award (Visit [www.tetc.in/2024](http://www.tetc.in/2024) for more details)**

# SILVER JUBILEE 25<sup>TH</sup> INDO-US FLOW CYTOMETRY WORKSHOPS

## FACULTY

### International

Paul Wallace, USA  
Derek Davies, UK

William Telford, USA  
Paul Hutchinson, Singapore

Rui Gardner, USA

### National

Hemant Agrawal  
Himanshu Tillu  
Badri Narayan

H. Krishnamurthy  
Michael D'Silva  
Mrigank Srivastava

Rekha Gour  
Rupesh Srivastava  
Sachin Kumar

Vivek Tanavde  
Amita Agarwal

## INDO-US WORKSHOP COMMITTEE

### Patron

Dr. Awtar Krishan

### Organizing Chairperson

Dr. Rekha Gour

### Organizing Secretaries

Dr. Hemant Agrawal  
Dr. Mrigank Srivastava  
Dr. Khaliqur Rahman  
Dr. G. Sunil Babu  
Dr. Satyendra Kumar Singh

### Members

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

### Advisory Committee

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

## LOCAL ORGANIZING COMMITTEE

### Patron

Dr. Radha Rangarajan  
(Director, CSIR-CDRI)

### Chairperson

Dr. Madhu Dikshit

### Convener

Dr. Manoj K. Barthwal

### Organizing Secretary

Dr. Mrigank Srivastava

### Joint Organizing Secretary

Dr. Sachin Kumar

### Treasurer

Dr. Kumaravelu Jagavelu  
Dr. Rahul Shukla

### Executive Committee

Dr. Sanjay Batra  
Dr. KV Sashidhara  
Dr. Anil N. Gaikwad  
Dr. Anand Kulkarni  
Dr. Dipak Datta  
Dr. Amit Lahiri  
Dr. Ranvir Singh  
Dr. Sanjeev Yadav  
Dr. Bidyut Purkait  
Dr. Neeraj Jain  
Ms. Shikha Mishra

# SILVER JUBILEE 25<sup>TH</sup> INDO-US FLOW CYTOMETRY WORKSHOPS

## Registration Fee

Category	Symposium Only	Workshop Only	Both Symposium and Workshop
Student/Technologist	INR 1500	INR 5000	INR 6000
Postdoc/Scientific Officer/Faculty/Consultant	INR 2000	INR 7500	INR 9000
Company/Non-Academia	INR 2500	INR 10000	INR 12000

Registration Fee covers food and seminar kit for all the registered delegates. Registered participants will be provided with snacks/tea and lunch.

-Registration fee is only partly refundable for the request made till 10<sup>th</sup> January 2024 (75%).

-No refund is admissible for the request made after 10th January 2024

**Last Date of Registration:** 10<sup>th</sup> January 2024

**Last Date of Abstract submission for Oral/Poster Presentation:** 10<sup>th</sup> January 2024

**Last date of Published Paper Submission:** 22<sup>nd</sup> January 2024

**Paper Selection Notification:** 15<sup>th</sup> January 2024

**Register Now**

### Accommodation:

Limited accommodation on a twin share basis is available in the institute's guest house on the first cum first-serve basis. Preferences will be given to female candidates. Please write to us at [25flowcytocsircdri@gmail.com](mailto:25flowcytocsircdri@gmail.com), post-registration for more information.

Other nearby accommodations are Hotel RK Inn, Jankipuram Extn. (Phone: 9335921617; 1Km from CSIR-CDRI) and The Revanta, Sitapur road (Phone: 7570027777; Opposite CSIR-CDRI)

### Contact Us:

[25flowcytocsircdri@gmail.com](mailto:25flowcytocsircdri@gmail.com),  
[indiatetc@gmail.com](mailto:indiatetc@gmail.com)

### Website

[www.tetc.in/2024](http://www.tetc.in/2024)



# SILVER JUBILEE 25<sup>TH</sup> INDO-US FLOW CYTOMETRY WORKSHOPS

## About INDO-US Workshops and 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.

The 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 the **“SILVER JUBILEE”** edition of 25th INDO-US Flow Cytometry Workshop from 7<sup>th</sup> – 8<sup>th</sup> February 2024 and 1-Day Symposium on 6<sup>th</sup> February 2024 at the CSIR-CDRI, Lucknow.

## About CSIR-CDRI

CSIR- Central Drug Research Institute (CSIR-CDRI), is a premier drug research institute of India that was inaugurated on 17<sup>th</sup> Feb., 1951 by the then Prime Minister of India Pt. Jawaharlal Nehru with a vision to strengthen and advance the field of drug research and development in the country. Since inception, the institution has developed 13 drugs all the way to the market, of which Centchroman, an oral non-steroidal contraceptive and  $\alpha, \beta$ -aretether, an injectable anti-malarial drug are best known. Another drug, Joint Fresh, developed as a phytopharmaceutical for bone healing, has been recognized for its impact. In more recent times, the institute has developed and transferred technologies for molecular diagnostics, such as dyes and quenchers. Today, the institute has become a unique model for the Discovery and development of therapeutics for nationally significant diseases with global impact, understanding fundamental disease biology, and training future drug researchers. Several of its Alumni have occupied highest positions in national and international academic institutions, biotech and pharma industries.

## About Lucknow

Lucknow, the historic city of Nawabs of Awadh, is a cultural and artistic hub of North India. It is well known for its etiquette, hospitality, chikankari, Imambaras and research organizations. Be it the cultural charm or the exquisite monuments everything is well-conserved here for the present to see and cherish. Lucknow is also famous for its Awadhi cuisine such as biryanis, several types of kebabs and breads. It is well connected to all parts of India by road, railways and air. The climate of Lucknow during February is moderately-cold and the participants are advised to bring light warm clothing.