

3rd Online International Flow Cytometry Course “Flow Cytometry Applications in Biological Sciences & Clinical Diagnostics”

Organized by
Trust for Education and Training in Cytometry (TETC)
21st-24th September 2022

International

Paul Wallace, USA
Brent Wood, USA
William Telford, USA
Rui Gardner, USA
Nicole Pouton, USA
Joshua Welsh, USA

Zosia Maciorowski, France
J. Dolezel, Czech Republic
Derek Davies, UK
Paul Hutchinson, Singapore
Marco Pane, Italy
Monica Singh, USA

Invited Speakers

Hemant Agrawal
Vivek Tanavde
Vikas Shrivastava
Himanshu Tillu

National

Rekha Gour
Badri Narayan
Khaliquir Rahman
Prashant Khadke

Highlights

- * Basics of Flow Cytometry & its Applications
- * Controls and Statistics in Flow Cytometry
- * Flow Cytometry in Clinical Diagnostics
- * Analysis of Cell Health
- * Plant Flow Cytometry
- * Job Opportunities for Science Graduates in Industry
- * Stem Cell Analysis
- * Microbial Flow Cytometry
- * Instrument Setup and Basic of Experimental Designing
- * Multicolor Flow Cytometry Experiment Designing
- * Flow Cytometry Data Analysis and Presentation
- * Flow Cytometry in Oceanography
- * Small Particle Analysis
- * Collaboration in Science and its Advantages

Patron

Prof. Awtar Krishan

Organizing Committee

Organizing Chairperson

Rekha Gour

Organizing Secretary

Hemant Agrawal

Members

Rajendra Kumar

Himanshu Tillu

Jitendra Shandilya

Advisory Committee

P. N. Razdan

Arvinder Singh

Paul Wallace

William G Telford

Registration Fee

From India

Students/Technicians- Rs 750
Faculty/Doctors/Postdoc-Rs 1500
Non-Academia-Rs 2500

Outside India

SAARC/Africa/ASEAN- USD 15
Other Countries- USD 30

How to Apply

-Fill Registration form online by clicking the below “REGISTER NOW” button
-Make payment and send the payment receipt via email at indiatetc@gmail.com

Payment (From Outside India)

Upon registration, please request for the payment link at indiatetc@gmail.com

Payment (From India)

Scan the below black QR Code and make a payment



BHIM UPI

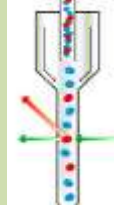
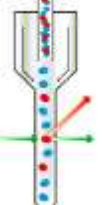
**Last Date for Registration is
20th September 2022**

**E-Certificate will be given to
all the registered participants**

REGISTER NOW

**10% Discount on Registration
Fee for Group of 10 or More**

indiatetc@gmail.com
 [@tetcindia](https://www.instagram.com/tetcindia)



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Program

Day 1: 21st September 2022, Wednesday

17:00-17:15: Inauguration and Welcome by Prof. Awtar Krishan, Dr. Rekha Gour and Organizing Committee members

17:15-18:15: Basics of Flow Cytometry -**Derek Davies**

18:15-19:15: Applications of Flow Cytometry in Biomedical Sciences-**Hemant Agrawal**

19:15-19:30: BD Technology and Innovation: FACSDiscover™ S8 Cell Sorter with CellView™ Image Technology-**Subhadeep Mukherjee**

19:30-19:45: New Developments on Modern Day Flowcytometry by Thermo Fisher Scientific-**Damini Vatsa**

19:45-21:00: Instrument Setup and Basics of Experiment Designing - **Zosia Maciorowski**

Day 2: 22nd September 2022, Thursday

17:00-18:00: Flow Cytometry Sample Preparation-**Paul Hutchinson**

18:00-18:30: Techno-commercial Talks

18:30-19:45: Panel Designing for a Multicolor Experiment-**Rui Gardner**

19:45-21:00: Cell Sorting-**Rui Gardner**

Day 3: 23rd September 2022 (Parallel Sessions), Friday

Research

17:00-18:00: Analysis of Cell Health using Flow Cytometry-**William Telford**

18:00-19:00: Characterization of Stem Cells—**Vivek Tanavde**

19:00-20:00: Characterizing and optimizing flow cytometry platforms for small particle analysis—**Joshua Welsh**

20:00-21:00: Flow Cytometry in Probiotic Research and Industry: Why, When, How? —**Marco Pane**

Clinical

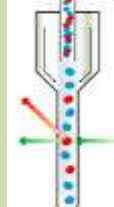
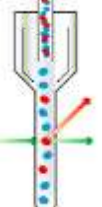
18:00-19:00: Applications of Flow Cytometry in Clinical Diagnostics -**Vikas Shrivastava**

19:00-20:00: Analysis of Multiple Myeloma using Flow Cytometry -**Paul Wallace**

20:00-21:00: Analysis of MRD in Acute Leukemia using Flow Cytometry-**Brent Wood**

21:00-22:00: Case Studies—**Monica Singh and Khaliqur Rahman**

All timings are in Indian Standard Time (IST)



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Program

Day 4: 24th September 2022, Saturday

Plant Session

14:00-15:00: Introduction to Plant Flow Cytometry and its Applications-**Himanshu Tillu**

15:00-16:00: Ploidy and Genome Size Estimation using Flow Cytometry-**J. Dolezel**

16:00-17:00: Plant Flow Data Analysis and Presentation-**Hemant Agrawal**

Research Session

16:30-17:30: Introduction to Oceanography Flow Cytometry and its Applications-

Nicole Poulton

17:30-18:45: Flow Cytometry Data Analysis, Presentation and Publication Guidelines-

Hemant Agrawal

18:45-20:00: Statistics in Flow Cytometry-**Badri Narayan**

20:00-20:45: Job Opportunities for Science Graduates in Industry –**Prashant Khadke**

20:45-21:00: Valedictory & Feedback-**TETC Team, Organizing & Advisory Committee, Faculties, Supporters and Delegates**