

## 2<sup>nd</sup> International Online Flow Cytometry Course

“Flow Cytometry and its Applications in Biomedical Sciences”

Organized by  
Trust for Education and Training in Cytometry (TETC)

1<sup>st</sup>-4<sup>th</sup> September 2021

### Invited Speakers

|                            |                       |                         |                        |
|----------------------------|-----------------------|-------------------------|------------------------|
| Paul Wallace, USA          | William Telford, USA  | Brent Wood, USA         | Joanne Lannigan, USA   |
| Zosia Maciorowski, France  | Derek Davies, UK      | Alfonso Blanco, Ireland | Attila Tarnok, Germany |
| Paul Hutchinson, Singapore | Hemant Agrawal, India | Badri Narayan, India    | Satish Devadas, India  |
| Vikas Shrivastava, India   |                       |                         |                        |

### Highlights

- \* Introduction to Flow Cytometry & its Applications
- \* How to Setup and Run a Flow Cytometer Correctly?
- \* Multicolor Flow Cytometry Experiment Designing
- \* T-cell Subsets Characterization in Infectious Diseases
- \* Data Analysis and Presentation
- \* Flow Cytometry in Clinical Diagnostics
- \* Recent Advances in Flow Cytometry
- \* Analysis of Small Particles Using Flow Cytometry
- \* Controls and Statistics in Flow Cytometry
- \* Tips and Tricks to Publish in High Impact Journals

### Patron

Prof. Awtar Krishan, Miami, USA

### Organizing Committee

|                               |                             |
|-------------------------------|-----------------------------|
| <b>Organizing Chairperson</b> | <b>Organizing Secretary</b> |
| Dr. Rekha Gour                | Dr. Hemant Agrawal          |

### Advisory Committee

|                    |                   |                    |                    |
|--------------------|-------------------|--------------------|--------------------|
| Prof. Paul Wallace | Prof. R. C. Sobti | Dr. Arvinder Singh | Prof. P. N. Razdan |
|--------------------|-------------------|--------------------|--------------------|

### Registration Fee

#### From India

Students/Technicians- Rs 600  
Faculty/Doctors/Postdoc-Rs 1200  
Non-Academia-Rs 2000

#### Outside India

SAARC/Africa/ASEAN- USD 12  
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](mailto:indiatetc@gmail.com)

### Payment (From Outside India)

Upon registration, please request for the payment link at [indiatetc@gmail.com](mailto:indiatetc@gmail.com)

### Payment (From India)

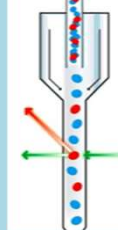
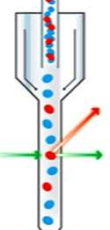
Scan the below black QR Code and make a payment



E-Certificate will be given to  
all the registered participants

REGISTER NOW

Last Date for Registration is  
30<sup>th</sup> August 2021



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### **Program**

#### **Day 1: 1<sup>st</sup> September 2021**

17:00-17:30: Inauguration and Welcome Messages by Prof. Awtar Krishan, Organizing Committee members and Faculty

17:30-18:30: Basics of Flow Cytometry -**Derek Davies**

18:30-19:15: Applications of Flow Cytometry in Biomedical Sciences-**Hemant Agrawal**

19:15-20:30: Setting up the Flow Cytometer Correctly-**Alfonso Blanco**

#### **Day 2: 2<sup>nd</sup> September 2021**

17:00-17:45: Recent Advances in Flow Cytometry -**William Telford**

17:45-18:00: CytoFLEX SRT: Simplified, Flexible Benchtop cell sorting-**SushilKumar D Ramdasi**

18:00-18:15: Unlock the full potential of High Parameter Flow Cytometer with the flexibility of spectral or compensation based workflows- **Sumanta Basu**

18:15-19:30: Designing of Multicolor Flow Cytometry Experiment-**Zosia Maciorowski**

19:30-20:15: Analysis of Small Particles Using Flow Cytometry -**Joanne Lannigan**

#### **Day 3: 3<sup>rd</sup> September 2021**

17:30-18:15: Characterization of T cell subsets in Infectious Diseases-**Satish Devadas**

18:15-18:30: Cytek's Spectral Flow Cytometry-A High Dimensional and Multi-color Technology to unravel the complexities of the Biological System- **Sanjaya Mallick**

18:30-18:45: Thermo Fisher Scientific's focus and commitment towards Flow Cytometry products to deliver high-performance results-**Avinash Sahoo**

18:45-19:30: Applications of Flow Cytometry in Clinical Diagnostics -**Vikas Shrivastava**

19:30-20:15: Analysis of Multiple Myeloma using Flow Cytometry -**Paul Wallace**

20:15-21:00: Analysis of Acute Leukemia using Flow Cytometry-**Brent Wood**

#### **Day 4: 4<sup>th</sup> September 2021**

17:00-17:45: Flow Cytometry Sample Preparation-**Paul Hutchinson**

17:45-18:30: Controls and Statistics in Flow Cytometry-**Badri Narayan**

18:30-19:15: Tips and Tricks for Flow Cytometry Data Analysis and Presentation -**Hemant Agrawal**

19:15-20:00: Publishing in High Impact Journals: Advice and Tips from Cytometry A-**Attila Tarnok**

20:00-20:15: Valedictory and Feedback—**Rekha Gour, TETC Committee and Faculty**

**\*All timings in this program are as per Indian Standard time (IST)**