

Pre-conference Workshop on

FLOW CYTOMETRY

Jointly Organized by

Department of Biochemistry, Indian Institute of Science, Bengaluru, India
Trust for Education and Training in Cytometry (TETC), India

Venue: Department of Biochemistry, IISc Bengaluru

Date: 16th October, 2024

PROGRAM

09:00-09:15: **Welcome by Dipankar Nandi, K. Sannula, Rekha Gour and Hemant Agrawal**

09:15-10:15: Basics of Flow Cytometry—**H. Krishnamurthy**

10:15-11:00: Applications of Flow Cytometry in Biomedical Research—**Uttara Chakraborty**

11:00-11:30: Tea Break

11:30-12:45: **Lab Module 1:** Overview of Instrument, Instrument Setup and QC—**Rekha Gour and Nagarjuna A Tirunelvely**

12:45-13:30: Lunch Break

13:30-14:15: Designing of a Multicolor Flow Cytometry Experiment—**Hemant Agrawal**

14:15-16:00: **Lab Module 2:** Multicolor Immunophenotyping-Instrument Setup, Compensation and Acquisition of Multi-colour Immunophenotyping Assay—**Hemant Agrawal and Chandra Juvva**

16:00-16:15: Introduction to Cytobank- **Jithin C. Mohan**

16:15-16:30: Tea Break

16:30-17:30: Data Analysis and Presentation—**Hemant Agrawal**

17:30-17:45: Historical Talk #1 by **Syamal Roy, IICB**

17:45-18:00: Talk by **Dilip Chandu, BC-IISc Alumnus**

18:00-18:15: Quiz, Feedback and Valedictory (Immunocon and TETC Team)

Workshop Faculty:

- **Dr. Hemant Agarwal, TETC India**
- **Dr. Rekha Gour, TETC India**
- **Dr. H. Krishnamurthy, NCBS, Bangalore**
- **Dr. Uttara Chakraborty, MIRM, Bangalore**
- **Mr. Jithin C. Mohan, Beckman Coulter Life Sciences**
- **Mr. Nagarjuna A Tirunelvely, Beckman Coulter Life Sciences**
- **Mr. Chandra Juvva, Beckman Coulter Life Sciences**

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