

Jawaharlal Nehru Centre for Advanced Scientific Research Bengaluru



Flow Cytometry Workshop on the Fundamentals, Concepts of Multicolor Experiments and High- Throughput Data Analysis



1st– 3rd July 2024

Course overview:

Our course aims to provide a comprehensive understanding of the underlying principles of flow cytometry, while also emphasizing practical considerations related to the most frequently used assays. Through a combination of theoretical instructions and hands-on training, students will gain the knowledge and skills necessary to effectively design, execute and interpret flow cytometry experiments.

Modules:

Lecture series:

Basics of Flow Cytometry, Cell cycle, Apoptosis, Concept of multicolour experiment and Data analysis using FlowJo.

Hands-On:

Cell cycle assay, Apoptosis assay, Multicolour experiment, Compensation, Flow data analysis and interpretation using FACSDiva and FlowJo.

Organizers:

Prof. Udaykumar Ranga, JNCASR
Dr. Kushagra Bansal, JNCASR
Dr. Narendra Nala, JNCASR
Ms. Reena, BD
Mr. Prince, BD
Mr. Karuna K., BD

Audience:

Researchers including MSc students, PhD students, R&D Assistants and Post-docs.

Contact:

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Venue:

SBS Meeting Room & Flow Cytometry Facility (Mazumdar-Shaw building)

Time: 09.00 a.m. – 06.00 p.m.