

Autumn School on Flow Cytometry



Skill Development Centre
School of Life Sciences
University of Hyderabad

9th – 13th Sept 2024



Hand on Training on Flow Cytometry

About

The flow cytometry workshop will provide advanced training on cell sorting and FlowJo data analysis in addition to skill development on its applications. The participants will have one to one hands on experience on various applications to carryout basic research or clinical diagnostics, interpret and present the data. **This program is being conducted in collaboration with TCS members and BD Biosciences, India**

Target Participants

PhD students / Technicians / Faculty / Scientists in any branch of Life Sciences

Number of Participants: 20

Instruments

BD LSR Fortessa and
BD FACS Aria II (Cell sorter)

Methodology

Classroom based and hands on training

Course fee

Students: Rs. 9,000/-; Faculty and industry personnel: Rs. 12,000/-

(Boarding/ Lodging and food charges extra; Shared hostel accommodation will be provided based on availability in the University Hostel / Guest house)

Topics to be covered

- ✓ Fundamentals of flow cytometry
- ✓ Instrument operation and setup for acquisition and analysis. Compensation and quality control
- ✓ Choice of fluorochromes and sample preparation, panel designing and gating strategies
- ✓ Data analysis, statistics, interpretation and data presentation
- ✓ Research and clinical applications of flow cytometry and Cell sorting

Resource Faculty / Experts

Basic Sciences

Dr. Radheshyam Maurya (UoH, Hyderabad)
(Program Co-ordinator)

Dr. M.K. Arunasree (UoH, Hyderabad)

Clinical diagnostics

Dr. Khaliqur Rahman (SGPGI, Lucknow)

Dr. Manu Goyal (tenet diagnostic, Hyderabad)

Dr. A. Jayaram (Newberg lab, Bangalore)

Application support

Mr. K. Karuna (BD Biosciences)

Ms. Madhulika Namdeo (UoH, Hyderabad)

Application procedure

Interested candidates can submit their CV to Dr. Suresh Yenugu (Co-ordinator SDC)

Email: sdcsls.uoh@gmail.com, on or before 31th August, 2024.

For FACS facilities, Contact

Dr. Jalaja Veronica, (Technical support)
Email: tsjvr86@gmail.com