

Winter School on Flow Cytometry

Skill Development Centre
School of Life Sciences
University of Hyderabad



January 20-25, 2020

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 different applications. It enables the participants to plan, carryout basic research or clinical experiments, interpret and present the data. This program is being conducted in collaboration with BD Biosciences, India

Target Participants

Masters / PhD students / Technicians / Faculty / Scientists in any branch of Life Sciences or anyone who feels flow cytometry applications are relevant to their research / career.

- Number of Participants: 20

Instruments

BD FACS Aria and BD LSR Fortessa

Methodology

Classroom based and hands on training

Course fee

Students: Rs. 10,000; Faculty and industry personnel: Rs. 15,000

(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

- Introduction to flow cytometry
- Fundamentals and principles of flow cytometry
- Quality control aspects of flow cytometer
- Instrument operation and optimization for acquisition
- Choice of fluorochromes and sample preparation
- Choice of controls and compensation
- Panel designing and gating Strategy
- Data analysis, statistics, interpretation and data presentation
- Cell sorting
- Research and clinical applications of flow cytometry

Resource Faculty / Experts

Dr. Radheshyam Maurya (Coordinator)
Dr. Roy Karnati (Co-coordinator)
Dr. Prasad Tammineni, Dr. G. Sivahari Prasad,
Mr. S. Hari (Application Specialist)
Mr. Swapnil Walke (Br. Application Manager)

Application procedure

Interested candidates are requested to submit their CV to Dr. Radheshyam Maurya (radhemaurya@gmail.com) on or before 15th January, 2020.

For further details, Contact

- Dr. Radheshyam Maurya
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