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
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• Dr. Suresh Yenugu
  Co-ordinator, Skill Development Centre
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