



WORKSHOP ON BASICS OF FLOW CYTOMETRY

22ND - 24TH AUGUST 2024

Sree Chitra Tirunal Institute for Medical Sciences and Technology,
Thiruvananthapuram, Kerala - 695012
In Association with THE CYTOMETRY Society - INDIA
Supported by Beckman Coulter Life Sciences & DBT SAHAJ

Applications are open up to **5th August 2024**

Faculties : Dr. Krishnamurthy H
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National Centre for Biological Sciences

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Flow Cytometry Application Manager- India

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Sr. Applications Specialist- Flow

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Market Development Manager- Flow

Registration link:



<https://forms.gle/4CtyuZunN322mUWi9>

About the Workshop

Flow Cytometry is a technique used to characterize a population of cells or particles. Flow Cytometry is routinely used in basic & clinical research, clinical practice, and clinical trials. The technology has applications in a number of fields, including molecular biology, pathology, immunology, virology, plant biology and marine biology. Aim of the workshop is to provide extensive hands on training to the participants.



About SCTIMST

SCTIMST is an Institution of National Importance under Dept. of Science & Technology, Govt. of India. The institute has the status of a university & offers excellent research & training facilities.

About TCS

The Cytometry Society (TCS)-India is the academic society involved in the propagation of flow cytometry education through organized training, knowledge dissemination, and fostering research, both in the basic and clinical areas, as well as diagnostic fronts. The society has been having regular conferences and workshops since its inception.

Topics to be covered

- Fundamental concepts in flowcytometry and its applications, parts of flowcytometer covering fluidics, optics, electronics and data analysis softwares.
- Demonstration of instrument start up, daily cleaning, quality control, template preperation for data acquisition, adjustment of PMT voltages and threshold, concepts of gating, spectral overlap and compensation
- Cell Cycle Analysis, Concepts of multi color flowcytometry, labels, dyes, and stains used for multi-parametric analysis
- Setting up of single or multi color flow cytometry experiments
- Live demonstration of data acquisition using flowcytometers.

Who can attend

MSc/MPhil/ME/MTech/ Mpharm/
PhD students, project/ technical
staff, post-docs & faculty.

Fees & registration

Students/Project Staff: Rs. 3000/-
(including GST)

Others: Rs. 4000/-(including GST).
No. of seats: 20.

Workshop venue

Biomedical Technology Wing,
SCTIMST, Satelmond Palace,
Poojapura, Thiruvananthapuram,
Kerala 695012

Travel & stay

Participants will have to make
their own travel arrangements.
Based on the availability, campus
guest house may be provided at
a nominal price, on first cum first
serve basis. Selected participants
will be intimated by 10th Aug 2024.

Key contacts

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ORGANIZING COMMITTEE

Chief Patron

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Programme Co-ordinators

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