

INTERNATIONAL WORKSHOP ON **FLOW** **CYTOMETRY**

Organized by
Shoolini University of Biotechnology and
Management Sciences, Solan, Himachal Pradesh

 **26-28 SEPTEMBER**
2023

In Collaboration with
Flowcytometry Solutions Pvt Ltd, India
and Trust for Education and Training in Cytometry (TETC)

 **SHOOLINI UNIVERSITY**
HIMACHAL PRADESH, INDIA

EVENT HIGHLIGHTS

- Basics of Flow Cytometry
- Overview of Instrument and its Setup
- Quality Control and Assurance (QC & QA)
- Experimental Designing
- Spectral Overlap and Compensation
- Flow Cytometry Controls
- Cell Cycle and Ploidy analysis
- Apoptosis and Cell Health Analysis
- Multicolor Immunophenotyping
- Data Analysis and Presentation

WHO CAN ATTEND

Students, Technologists, Researchers,
Faculties, Industry Professionals

REGISTRATION FEES

PhD Student/Faculty	INR 5000
Industry Professional	INR 10000
Other countries	USD 100

ACCOMMODATION

Accommodation for registered participants
will be arranged in the hostel on sharing
basis.

Accommodation in the Hotels/University
Huts can be arranged on payment basis
if requested.

HOW TO APPLY

- Registration link
<https://forms.gle/8FENMGsH4p79kPG49>
- Payment Link
<https://rzp.io/l/acDHDLezPy>
- Last date for application
10.09.2023

HOW TO REACH

Shoolini University is located in Solan.

It is about 300 km from Delhi and 70km from Chandigarh. It is connected to the rest of India by *road*, *rail* (nearest railway stations: Solan, Kalka, Chandigarh) and *air* (Nearest airport: Chandigarh)

LIMITED SEATS (30)

Selection is based on first come first serve basis.

The Flow Cytometry facility of the university will be available to the participants in future

CONTACT DETAILS

Prof. Sunil Puri ☎ +91-9869335580

Dr. Rachna Verma ☎ +91-9816291543

Dr. Ritesh Banerjee ☎ +91-8585896326

Dr. Hemant Agrawal

☎ +91-7665130114

✉ flowsols@gmail.com

✉ suflowcytoworkshop@gmail.com

KEY SPEAKERS

INTERNATIONAL (ONLINE)

Dr. William Telford, USA

Dr. Rajendra Kumar, USA

Dr. D. K. Agarwal, USA

Dr. Aastha Sobti, Sweden

NATIONAL

Dr. Hemant Agrawal

Dr. Rekha Gour

Dr. Himanshu Tillu

ORGANIZING COMMITTEE

CHIEF PATRONS

Prof. P. K. Khosla

Prof. R. C. Sobti

Prof. Awtar Krishan, USA

PATRONS

Prof. Atul Khosla

Mr. Vishal Anand

CO-CHAIRPERSONS

Prof. Dinesh Kumar Chatanta

Prof. Pradeep Singh

Dr. Rekha Gour

CHIEF ADVISORS

Prof. Sunil Puri

Prof. Saurabh Kulshreshta

ORGANIZING SECRETARIES

Dr. Hemant Agrawal

Dr. Rachna Verma

Dr. Ritesh Banerjee

ADVISORY COMMITTEE

Prof. J.M. Julka

Prof. Radheshyam

Prof. Rohit Goyal

Prof. Azhar Khan

Dr. Rohit Sharma

Prof. Deepak Kapoor

Prof. YS Negi

Brig. S.D. Mehta

Dr. Deepak Kumar

SUPPORTED BY



DAY 1**26 SEPTEMBER 2023**

TIME (IST)

9.00am-9.30am**9.30am-10.00am****10.00am-11.30am***11.30am-11.45am***11.45am-1.15pm***1.15pm-2.00pm***2.00pm-3.00pm****3.00pm-4.00pm***4.00pm-4.15pm***4.15pm-5.15pm****5.15pm-6.30pm**

TITLE

Registration**Inauguration(Organizing Committee, Faculties,
Supporters and Delegates)****Basics of Flow Cytometry***Tea Break***Applications of Flow Cytometry***Lunch***Sample preparation for Flow Cytometry Experiment****Wet Lab 1: KYC and Setup of the instrument***Tea Break***Wet Lab 2: Viability and Cell Cycle Assay****Make your Own Cytometer (MYO) (Online)****DAY 2****27 SEPTEMBER 2023**

TIME (IST)

9.00am-9.30am**9.30am-10.30am****10.30am-11.30am***11.30am-11.45am***11.45am-1.15pm***1.15pm-2.00pm***2.00pm-4.00pm***4.00pm-4.15pm***4.15pm-5.30pm**

TITLE

Review of Day 1**Analysis of Apoptosis using Flow Cytometry (Online)****Wet Lab 3: Apoptosis assay***Tea Break***Basics of Multicolour Flow Cytometry (Immunophenotyping)***Lunch***Wet Lab 4: Multicolour Flow Cytometry Lab***Tea Break***Multicolour Flow Cytometry Lab Continues****DAY 3****28 SEPTEMBER 2023**

TIME (IST)

9.00am-9.30am**9.30am-11.30am***11.30am-11.45am***11.45am-12.30pm****12.30pm-1.00pm****1.00pm-1.30pm***1.30pm onwards*

TITLE

Review of Day 2**Flow Cytometry Data Analysis & Presentation
(Live Data Analysis using the Software)***Tea Break***Data Publication Guidelines****Quiz and feedback****Valedictory and Vote of Thanks***Lunch*