



Recent Trends in Cytogenetics
Scientific symposium and Workshop on
“Next Generation Flow Cytometer – CytoFLEX LX
for
Recent Advancement of Modern Scientific Research“

Venue : Banaras Hindu University, Varanasi

Address: Dept. of Anatomy, IMS, BHU

Varanasi, Uttar Pradesh, India.

Date: 4th Oct 2018 - 5th Oct 2018.

Timing: 10:00 A.M onwards

CONDUCTED BY: PROF. DR. ROYANA SINGH

IMS, DEPT. OF ANATOMY

BANARAS HINDU UNIVERSITY

IN ASSOCIATION WITH:



Instrument Features:

High End Analyzer **CytoFLEX LX - Revealing “The ‘Magic” behind**

- 6laser system with **21COLORS**
 - High power lasers
- Side Scatter from 405nm Laser for **enhanced nanoparticle detection (<0.2um)**
 - Unmatchable High Detection sensitivity using **APDs**
 - **Wavelength Division Multiplexing detection module**
 - unique software feature : **Novel compensation library**
- **Auto Threshold, Auto Gating, Auto Scaling, Sample – mixing**

Day 1: 4thOct

10A.M-11 AM: Basics of flow cytometry. PPT Presentation

11A.M -12 P.M: Recent advancements in Flow Cytometer-Research & Clinical applications .PPT Presentation

12 P.M - 1 P.M: Quality control and compensation in multicolor flow cytometry

2 P.M - 3 P.M: Instrument setup & compensation optimization

3 P.M - 4 P.M: Overview of Experiment – DNA Cell Cycle Analysis

4 P.M - 5 P.M: Analysis of Data & Discussion on results.

Day 2: 5th Oct

10A.M-11 AM: Principles of panel designing for multicolor flow cytometry. PPT Presentation

11 A.M -1 P.M: Intracellular staining in multicolor flow cytometry - Immunophenotyping

2P.M - 3 P.M: Overview of Experiment – Apoptosis/Cell Viability Test

3 P.M -4 P.M: Analysis of Data & Discussion on results.

4 P.M -5 P.M: Quiz and valedictory session, Certificate distribution

“We cordially invite you to join in the above mentioned workshop”

For Registration, Kindly Contact:

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