

Workshop On  
**Flow Cytometry Cell Sorting  
Using CytoFLEX SRT**

at

**Special Centre for Molecular Medicine  
Jawaharlal Nehru University, New Delhi**

Supported by  
**Beckman Coulter Life Sciences**



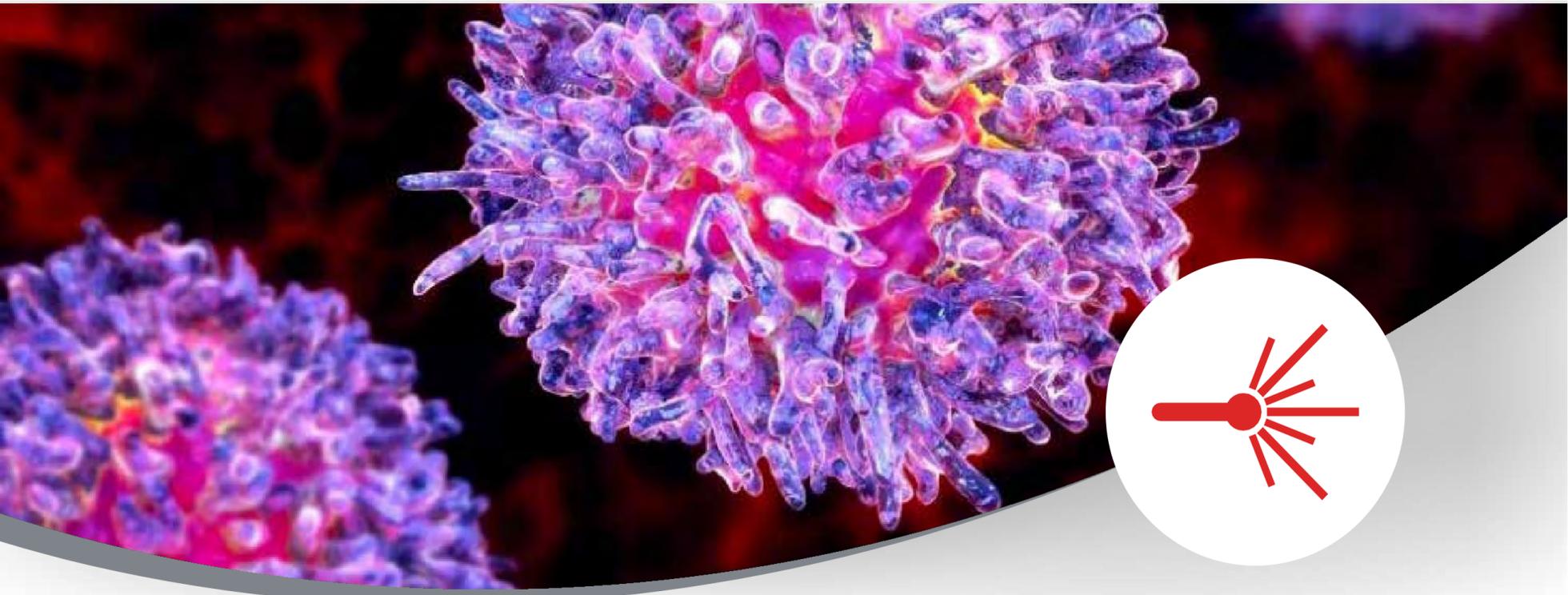
2<sup>nd</sup>-3<sup>rd</sup> November, 2023



9:30 AM onwards



Jawaharlal Nehru University  
New Mehrauli Road, JNU Ring Road, New Delhi 110 067



## AGENDA

Day/Time	Event/ Topic	Speaker
<b>DAY 1: 2<sup>ND</sup> NOVEMBER</b>		
09:30 AM – 10:00 AM	Inauguration Ceremony & Welcome address	<b>Prof. Satish Chandra Garkoti</b> (Rector I, JNU), <b>Prof. Vibha Tandon</b> (Chairperson, SCMM) & <b>Prof. Shailja Singh</b> (Convenor)
10:00 AM – 10:30 AM	CytoFLEX Family of Flow Cytometers: Join the Resolution Revolution	<b>Anwasha Mallik</b> , Market Development Manager- Flow Cytometry South West Asia, Beckman Coulter Life Sciences
10:30 AM – 11:00 AM	Expansion of the CD177+ neutrophil subpopulation in Acute-on-Chronic Liver Failure- a link to disease pathogenesis?	<b>Dr. Pragyan Acharya</b> , AIIMS
11:00 AM – 11:30 AM	<b>Tea Break</b>	
11:30 AM – 12:00 PM	Establishing the Immunoporotic role of Bregs: Role of Flow Cytometry	<b>Dr. Rupesh K. Srivastava</b> , AIIMS
12:00 PM – 12:30 PM	What does it tell us and where can we use it?	<b>Prof. Nirupama Trehanpati</b> , ILBS
12:30 PM – 01:00 PM	Unraveling the heterogeneity in human T cell memory at single-cell resolution.	<b>Dr. veena S. Patil</b> , NII
01:00 PM – 01:30 PM	Flow cytometry to explore host-pathogen interactions	<b>Dr. Niti Puri</b> , SLS, JNU
01:30 PM – 02:30 PM	<b>Lunch</b>	
02:30 PM – 03:30 PM	Basics of Flowcytometry & Cell Sorting	Beckman Coulter Life Sciences
03:30 PM – 04:00 PM	Flow lab setup – instrument, lasers, fluorochromes, variables & QC Sort Calibration	Beckman Coulter Life Sciences
04:00 PM – 04:15 PM	<b>Tea Break</b>	Beckman Coulter Life Sciences
04:15 PM – 05:15 PM	Wet lab: Antibody Titration, Compensation, Cell Sorting	Beckman Coulter Life Sciences
05:15 PM – 06:00 PM	Data Analysis	Beckman Coulter Life Sciences
<b>DAY 2: 3<sup>RD</sup> NOVEMBER</b>		
10:00 AM – 11:00 AM	Wet lab: Introduction to 4 Way cell sorting- Multiparametric	Beckman Coulter Life Sciences
11:00 AM – 11:30 AM	<b>Tea Break</b>	
11:30 AM – 01:00 PM	Wet lab: Introduction to 4 Way cell sorting- Multiparametric	Beckman Coulter Life Sciences
01:00 PM – 02:00 PM	<b>Lunch</b>	
02:00 PM – 04:00 PM	Wet Lab: ROS Assay detection sorting of cells, Data Analysis	Beckman Coulter Life Sciences
04:00 PM – 04:15 PM	<b>Tea Break</b>	
04:15 PM – 04:45 PM	QnA, Quiz, Problem Solving	Beckman Coulter Life Sciences
04:45 PM – 05:15 PM	Valedictory Session, Vote of Thanks & Closing Ceremony	<b>Prof. vibha Tandon</b> (Chairperson, SCMM)



**Prof. vibha Tandon**  
Chairperson

Special Centre for Molecular Medicine,  
Jawaharlal Nehru University, New Delhi



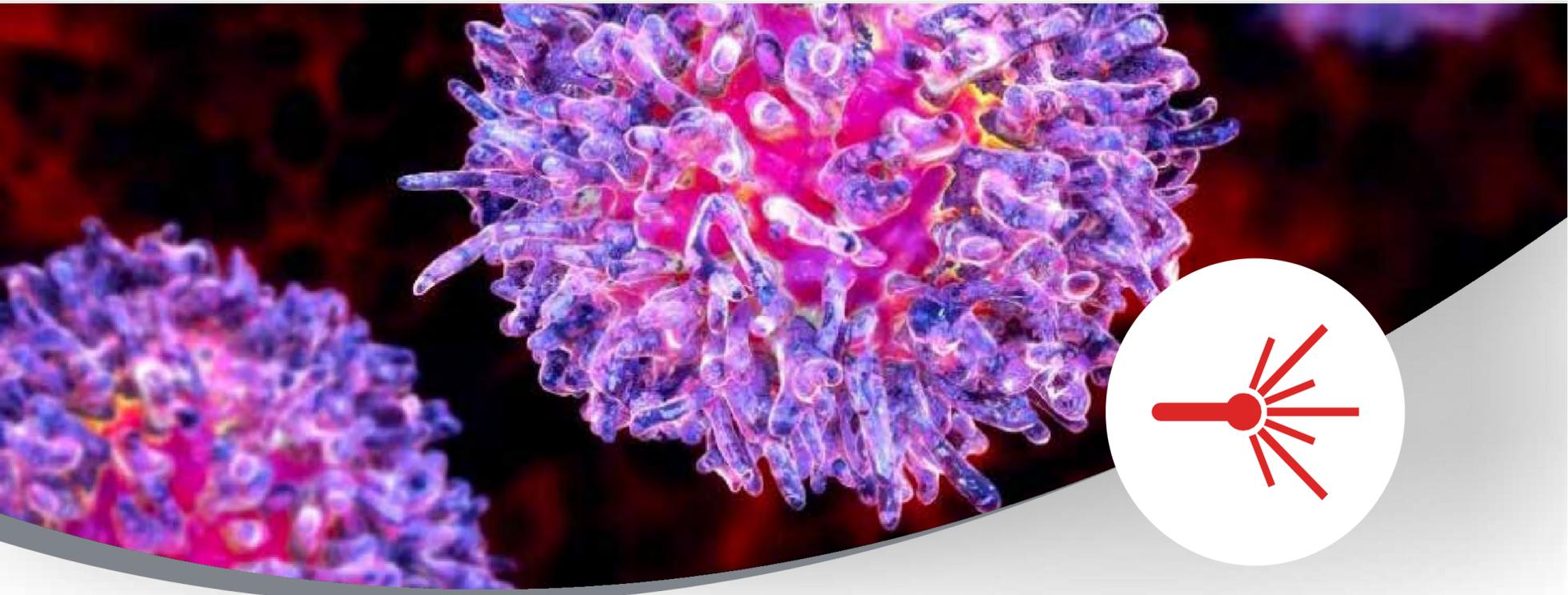
**Prof. Shailja Singh**  
Convener

Special Centre for Molecular Medicine,  
Jawaharlal Nehru University, New Delhi



**Prof. Satish Chandra Garkoti**  
Chief Guest

Rector 1, Jawaharlal Nehru University,  
New Delhi



## List of speakers



**Dr. Pragyan Acharya**  
Associate Professor  
All India Institute of Medical  
Sciences, New Delhi



**Dr. Rupesh K. Srivastava**  
Associate Professor  
All India Institute of Medical  
Sciences, New Delhi



**Prof. Nirupama Trehanpati**  
Professor  
Institute of Liver and Biliary  
Sciences, New Delhi (ILBS)



**Dr. veena S. Patil**  
Scientist  
National Institute of  
Immunology, New Delhi



**Dr. Niti Puri**  
Assistant Professor  
School of Life Sciences,  
Jawaharlal Nehru University,  
New Delhi

## List of organising members



**Dr. Swati Garg**  
Senior Research Associate



**Dr. Amandeep Kaur  
Kahlon**  
Senior Research Associate



**Dr. Evanka Madan**  
Senior Research Associate



**Dr. Ankita Behl**  
DBT-Research Associate



**Dr. Ruby Bansal**  
DHR-Women Scientist



**Dr. Nutan Gupta**  
Dr. D. S. Kothari  
Post-doctoral fellow



**Dr. Ravi Jain**  
Post-doctoral Fellow



**Dr. Jhalak Singhal**  
Post-doctoral Fellow