



# INSTITUTE OF LIVER & BILIARY SCIENCES

## Indo-French Node (InFLiMeN)



### “Diagnostic Point-of-care (PoC) tools; Microfluidics, lateral flow assays and Cell-free DNA”

Workshop

Saturday, 28<sup>th</sup> December, 2024 09:00 AM - 05:00 PM

A.P.J. Abdul Kalam Auditorium, ILBS

Chief Patron

Prof. Shiv Kumar Sarin  
(Chancellor & Director, ILBS)

Coordinators

Dr. Richard Moreu  
Dr. Nirupama Trehanpati

### PROGRAM

09:00 AM- 09:15 AM	Registration
09:15 AM- 09:20 AM	Lamp Lighting
09:20 AM- 09:25 AM	Welcome Address:- Dr. S.K. Sarin Chancellor and Director, ILBS
09:25 AM- 09:30 AM	Address by Vice Chancellor:- Dr. Deepak Tempe
09:30 AM- 10:00 AM	<b>Key note Speaker :- Dr. N.K. Ganguly Chiarperson:- Dr. Shiv.K. Sarin, Dr. Anoop Saraya</b>
10:00 AM- 11:00 AM	<p><b>Chairperson</b> Dr. Nitin Seth Dr. Vijay Kumar Dr. Manoj Kumar Sharma</p> <p><b>Moderators</b> Dr. Ekta Gupta Dr. Archana Rastogi Dr. Pratibha Kale</p> <p><b>Session 1- Microfluidics</b></p> <p><b>Emerging Diagnostic Technologies for Viral Infections: Impedance Spectroscopy, RT-LAMP and Lateral Flow Assays.</b> Dr. Shantanu Bhattacharya, Director CSIR-Central Scientific Instruments Organisation (CSIO)</p> <p><b>Miniaturizing the culture vials: Future of in-vitro 3D models for Monitoring Diseases</b> Dr. Neetu Singh (Microfluidics), Professor, IIT Delhi</p>
11:00 AM- 11:15 AM	TEA BREAK
11:15 AM- 12:30 PM	<p><b>Chairperson</b> Dr. Chhagan Bihari Dr. Meenu Bajpai</p> <p><b>Moderators</b> Dr. Sukriti Dr. Dinesh Mani Tripathi Dr. Sherin Thomas Dr. Rajeev Khanna</p> <p><b>Session 2- Cell Vaccine and Microfluidics</b></p> <p><b>Boosting anti-cancer immunotherapy of a cell-free vaccine by "FORTY" fying immunity.</b> Dr Jayanta Bhattacharyya, IIT, Delhi</p> <p><b>Ultrasensitive detection of different analytes using Microfluidics coupled optical/electronic point-of-care devices.</b> Dr. Jaydeep Bhattacharya, Assistant Professor, Jawaharlal Nehru University</p>
12:30 PM- 01:30 PM	Round Table Panel Discussion
<p><b>Panelist</b> Dr. Seema Alam Dr. Vikas Khilan Dr. Nirupama Trehanpati Dr. Rakhi Maiwall Dr. Vinod Arora</p>	<b>Applications of LFA and Microfluidics in Clinics and Potential collaborations</b>
01:30 PM- 02:15 PM	LUNCH
02:15 PM- 04:00 PM	<p><b>Chairperson</b> Dr. Gayatri Dr. Ankur Jindal</p> <p><b>Moderators</b> Dr. Deepti Sharma Dr. Savneet Dr. Sanal MG Dr. Bikrant Bihari Lal</p> <p><b>Session-3 (Cell free DNA)</b></p> <p><b>Tumor-Informed Circulating Cell Free Nucleic Acid-Based Biomarkers”</b> Dr. Ritu Gupta, Professor Oncology, AIIMS, New Delhi</p> <p><b>Role of Circulating tumor DNA in Hapatocellular Carcinoma</b> Dr. Jean Charles Nault Centre de Recherche des Cordeliers Paris, France</p> <p><b>Cell-free DNA based diagnostics and Clinical applications</b> Dr. Sagarika Haldar, Associate Professor, PGIMER, Chandigarh</p>
	Round Table Panel Discussion
04:00 PM- 05:00 PM	<p><b>Panelist</b> Dr. Ashok Dr. Jaswinder Singh Dr. Anupam Dr. Satender Pal Dr. Anupama Prashar</p> <p><b>Applications of Cell free DNA in Clinics and potential collaborations</b></p>
05:00 PM- 05:30 PM	Closing Ceremony followed by High Tea