



28th NATIONAL AMBICON 2021



Workshop

Flow cytometer

Title: Applications of Flow cytometer in Clinical diagnostics

Flow cytometry is a state-of-the-art technology, which can simultaneously measure physical (such as size and granularity) and chemical characteristics of cells or cell like particles while they are flowing in a suspension through an instrument (known as flow cytometer) with rapid pace.

The workshop would cover basics of flow cytometer and its clinical applications in the diagnostics. In the workshop, we will cover the components of the flow cytometer, QC, data analysis, compensation, cell surface markers of immune cells, and its expression in various disease especially in hematological malignancies such as Leukaemia, lymphoma and Primary immunodeficiency.



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AMBICON-2021

Association of Medical Biochemistry of India

28th Annual Conference-cum-Workshop, AIIMS, Raipur

Program: Online Workshop on Flow cytometry (2nd December 2021)

	Time	Topic	Speaker
Inaugural session	9.00-9.15 AM	Welcome address cum Inauguration	AIIMS Coordinator/Committee
Session-1	9.15-10.15AM	Basics of Flow cytometry	Dr. Himanshu Tillu, Senior Scientist, Multinational Biotech Company
	10.15-11.15 AM	Do's and don'ts in Flow Cytometry	Dr. Hemant Agrawal Director--Flowcytometry Solutions Pvt Ltd, India
	11.15-11.45AM	DxFLEX Difference: Pushing the norms of Conventional High complexity Clinical Cytometry	Dr. Sushilkumar Ramdasi Senior Application Scientist Beckman Coulter
	11.45-12.00 AM	Tea Break	
Session-2	12.00-1.00 PM	Application of Flow Cytometry in Clinical Diagnostics	Dr. Vikas Shrivastava Associate Professor, AIIMS, Gorakhpur
	1.00-1.30 PM	Sample procedure, QC, Data analysis with a video	Dr. Hemant Agrawal Director--Flowcytometry Solutions Pvt Ltd, India
Vote of Thanks	1.30-1.40 PM	Wrap Up session	Dr. D. L Gupta, Assistant Professor, Department of Biochemistry, AIIMS, Raipur

We Look forward for your active participation in the event