



28th NATIONAL AMBICON 2021

2nd to 5th Dec 2021, Dept of Biochemistry, AIIMS Raipur



Workshop - HPLC

2nd December 2021

ROLE OF HPLC ANALYSIS TECHNIQUES IN CLINICAL & HEALTH SCIENCES

02/12/2021

09:00AM-01:00PM

The workshops cover separation & detection of various important applications in the field of Clinical Health to monitor health status, screen diseases, support diagnosis, and monitor the effect of therapies for diseases. The laboratories should ensure that analysis is performed to a high standard by developing improved analytical methods for current tests, enhance capabilities and throughput by adoption of latest technologies.

This event will be helpful for Scientists working in the Health Sciences to gain advanced knowledge of Liquid Chromatography and its use to produce more meaningful data to expedite the clinical decision-making process.

28th AMBICON

ALL INDIA INSTITUTE OF MEDICAL SCIENCES RAIPUR

welcomes you
for

28th Annual Conference of Association of Medical Biochemists of India



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Time	Workshop Titles	Abstract	Speaker
09.00-09.15 AM	Welcome Note	The Agenda and a brief introduction & understanding of the various topics covered in the workshops	AIIMS Coordinator/Committee
09.15 -10:00 AM	Basics of Sample Preparation - Introduction to Solid Phase Extraction Techniques	The session provides a brief understanding on Sample Preparation role in Clinical & Health Science environment & covers the critical challenges faced by the scientists/chromatographers. Also the concepts of Solid Phase Extraction and its critical Role in Sample Analysis will be discussed.	Mr. Jagadeesh Banda, WATERS India Pvt. Ltd
10.00 -10:45AM	Critical Parameters for Column Selection & Method Development Approach	Understanding the various parameters of column chemistries will allow scientists to select the right columns as per their needs. The session also suggest the right approach for Method Development for different matrices/types of Samples	Dr. Ranjeet Singh WATERS India Pvt. Ltd
10.45 -12:00 PM	Basics of HPLC Techniques	A brief introduction regarding various techniques in chromatography, HPLC systems, Method Development Protocols, Data processing with Waters Empower chromatographic data software and Role of HPLC in clinical laboratories on immunosuppressants, Vitamin D, B-complex (B2 & B6), Amino acids & Drugs of abuse etc.	Dr. U Satyanarayana Waters India Pvt. Ltd
12.00 -12:30 PM	Troubleshooting Column Issues - Possible Causes and Solutions	Understanding the various common problems related to Columns Chemistries and taking corrective actions to ensure longer column lifetime and greater reproducibility	Dr. Ranjeet Singh WATERS India Pvt. Ltd
12.30-12.45 PM	Clinical Application Areas	Updates on application solutions in the field of Clinical & Health Science Environment	Dr. Dnyanesh Balkrishna Amle AIIMS, Nagpur
12.45-01.00 PM	Vote of Thanks	Wrap Up Session	AIIMS Coordinator/Committee

Link for Registration

https://waters.zoom.us/webinar/register/WN_8Hxx6MtSQGKk6twTEsfKuQ

We Look forward for your active participation in the event