

Workshop on Next Generation Sequencing Pre-conference Workshop - 13th February, 8:00AM to 5:45PM

Venue: Conference Hall, 7th Floor, A-Block, Ranipet Campus

Coordinators: Dr. Nikhil Patkar and Dr. Phaneendra Datari

Faculty: Dr. Nikhil Patkar, Dr. Ekta Jajodia, Dr. Spandan Chaudhary, Dr. Toral Vaishnani, Dr. Sushant Vinarkar, Dr. Shrinidhi Nathany, Dr. Jobin Jacob

Timings	Topic
08:00AM - 08:15AM	Welcome
Session I - Library Preparation	
08:15AM - 09:00AM	Introduction to Next Generation Sequencing technology and Sequencers - <i>Dr. Spandan Chaudhary, Unipath Speciality Laboratory, Ahmedabad</i>
09:00AM - 09:20AM	Precision Genomics: From Sample Isolation to Data Analysis- <i>Dr. Sailesh Gocchait, Thermo Fisher Scientific</i>
09:20AM - 10:05AM	NGS Panel Design - <i>Dr. Nikhil Patkar, ACTREC, Mumbai</i>
10:05AM - 10:30AM	Tea and Group Photograph
Session II - Bioinformatics	
10:30AM - 11:30AM	QC Metrics, NGS tools and Databases - <i>Dr. Toral Vaishnani, Unipath Speciality Laboratory, Ahmedabad</i>
11:30AM - 11:50AM	Elevating Precision Oncology: Tumor genomic profiling solutions advancing precision oncology - <i>Dr. Rahul Solanki, Agilent Technologies</i>
11:50AM - 12:35PM	Variant Interpretation and Guidelines of Reporting - <i>Dr. Shrinidhi Nathany, Fortis Memorial Research Institute, Gurugram</i>
12:35PM - 01:15PM	Lunch
Session III - Clinical Applications	
01:15PM - 02:00PM	Application of NGS in Myeloid neoplasms - <i>Dr. Nikhil Patkar, ACTREC, Mumbai</i>
02:00PM - 02:45PM	Application of NGS in Lung & Colorectal Carcinomas - <i>Dr. Sushant Vinarkar, Tata Medical Centre, Kolkata</i>
02:45PM - 03:05PM	Speed and Simplicity setting new standard in benchtop sequencing - <i>Mr. Subbaiah T, Illumina India</i>
03:05PM - 03:20PM	Tea
03:20PM - 04:05PM	Application of NGS in Lymphomas- <i>Dr. Shrinidhi Nathany, Fortis Memorial Research Institute, Gurugram</i>
04:05PM - 04:50PM	Next-Gen Solutions: Resolving Hematological Mysteries with NGS - <i>Dr. Ekta Jajodia, Unipath Speciality Laboratory, Ahmedabad</i>
04:50PM - 05:35PM	Transforming Clinical Microbiology Diagnostic Through NGS: Challenges, Strategies, and Solutions - <i>Dr. Jobin Jacob, CMC, Vellore</i>
05:35PM - 05:45PM	Closing