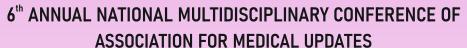


## 4 UCON 2024





## HANDS-ON WORKSHOP ON

### **MUTATION ANALYSIS**

NOVEMBER | SMS MEDICAL COLLEGE | JAIPUR | RAJASTHAN

#### HIGHLIGHTS OF WORKSHOP

- Extraction of DNA from Formalin Fixed Paraffin -Embedded Tissue and Blood
- Detection of KRAS & NRAS Mutations in colorectal carcinoma by RT-PCR
- Detection of MTHFR gene Polymorphism in Autistic Patients by RT-PCR



Workshop Coordinator **Dr. Aruna Vyas**Nodal Officer, MDRU

Sr. Professor, Dept. of Microbiology,
SMS Medical College, Jaipur



Workshop Coordinator **Dr. Dharmesh Sharma**Professor, Dept. of PSM,

SMS Medical College, Jaipur



Workshop Co-coordinator **Dr. Tirpti Verma**Associate Professor Dept Biochemistry

SMS Medical College, Jaipur

#### **SPEAKERS**



**Dr. Rakesh Kumar Gupta**Associate Professor, Dept. of Pathology and Laboratory Medicine, AIIMS, Raipur



**Dr. Ashmeet Kaur**Senior Demonstrator, Dept. of Pathology, SMSMC, Jaipur



**Dr. Arti Sharma**Research Scientist-II, MDRU,
SMS Medical College, Jaipur,



**Dr. Urvashi Vijay** Research Scientist-I, MDRU, SMS Medical College, Jaipur

Workshop Registration Click Here: https://form

https://forms.gle/XBf4W6pEuprMMNSB9

# Scientific Agenda



### **National Workshop on Mutation Analysis**

22<sup>nd</sup> November 2024 Time: 09:00 AM - 5:00 PM

## Part A- Registration, Welcome and Lectures Venue: Pathology Seminar Room, Ground Floor, SMS Medical College, Jaipur

TIME	SESSION	FACULTY/SPEAKER
9:00 - 09:45 AM	Registration	
09:45-10:00 AM	Welcome Address	<b>Dr. Aruna Vyas,</b> Nodal Officer, MDRU, Sr. Professor, Dept. of Microbiology SMS Medical College, Jaipur
10:00-10:45 AM	MGMT Methylation testing in glial tumors: intricacies and limitations in analysis.	<b>Dr. Rakesh Kumar Gupta</b> Associate Professor, Dept. of Pathology and Laboratory Medicine AIIMS, Raipur
10:45-11:00 AM	TEA BREAK	
11:00-11:20 AM	Genetic Drivers in Colorectal Cancer: Impact of KRAS, NRAS & BRAF Mutations in colorectal cancer.	Dr. Ashmeet Kaur Senior Demonstrator, Dept. of Pathology, SMSMC, Jaipur

#### Part B- Hands-on Training Venue: Multi-disciplinary Research Unit, Ground Floor, SMS Medical College, Jaipur

TIME	SESSION	FACULTY/SPEAKER
11:20-11:50 AM	Batch A: Hands-on Activity "DNA Extraction from blood".	Dr. Arti Sharma (Research Scientist-II, MDRU) Mr. Arun Riya Mr. Vikas Yadav SMS Medical College, Jaipur,
11:50-12:20 PM	Batch B: Hands-on Activity "DNA Extraction from FFPE tissue".	
12:20-12:50 PM	Batch A: Hands-on Activity "DNA Extraction from FFPE tissue".	
12:50-01:20 PM	Batch B: Hands-on Activity "DNA Extraction from blood".	
01:20-01:50 PM	LUNCH BREAK	
01:50-02:20 PM	<b>Batch A:</b> Hands-on Activity "Detection of NRAS, KRAS mutation in colorectal carcinoma by RT-PCR"	Dr. Urvashi Vijay, (Research Scientist-I, MDRU) Mr. Haneesh Kumawat Mr. Rohit Kumar SMS Medical College, Jaipur
02:20-02:50 PM	<b>Batch B:</b> Hands-on Activity "Detection of MTHFR-gene polymorphism in Autistic patients by RT-PCR"	
02:50-03:20 PM	<b>Batch A:</b> Hands-on Activity "Detection of MTHFR-gene polymorphism in Autistic patients by RT-PCR"	
03:20-4:00 PM	Batch B: Hands-on Activity "Detection of NRAS, KRAS mutation in colorectal carcinoma by RT-PCR"	
4:00-4:15 PM	TEA BREAK	
4:15-5:00 PM	VALEDICTORY FUNCTION	

Workshop Registration Click Here: https://forms.gle/XBf4W6pEuprMMNSB9