



AMJCON 2024

6th ANNUAL NATIONAL MULTIDISCIPLINARY CONFERENCE OF
ASSOCIATION FOR MEDICAL UPDATES



HANDS-ON WORKSHOP ON MUTATION ANALYSIS

22

NOVEMBER
2024

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://forms.gle/XBf4W6pEuprMMNSB9>

Scientific Agenda



National Workshop on Mutation Analysis

22nd 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	Dr. Aruna Vyas, 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.	Dr. Rakesh Kumar Gupta 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	Batch A: 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	Batch B: Hands-on Activity "Detection of MTHFR-gene polymorphism in Autistic patients by RT-PCR"	
02:50-03:20 PM	Batch A: 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	

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