

Technical Program Session for the One-Day Seminar on “Frontiers in Microbiology”-2026

Sessions and Speakers	Time slots
Registration	09:30 am - 10:00 am
Inauguration program	10:00 am - 10:15 am
Prof. Prince Sharma (Inaugural Talk) President, AMI	10:15 am - 11:00 am
Morning Session (11:00 am – 01:00 pm) Session Chair: Dr. Purvi Bhatt, Associate Professor, SDSOS, NMIMS University, Mumbai	
Dr. Chitra S. Misra, B.A.R.C., Mumbai Title: CRISPR-based gene silencing in bacteria and its utility	11:00 am – 11:40 am
Dr. Anirban Banerjee, IIT Bombay, Mumbai Title: The Battle of Cytosol	11:40 am - 12:20 pm
Dr. Archana Rath, University of Mumbai, Mumbai Title: Antimicrobial Potential of Silver Nanoparticles Against Multi-Drug Resistant ESKAPE Pathogens: A One Health Perspective	12:20 pm -1:00 pm
Lunch break (1.00 pm - 2:00 pm)	
Afternoon Session (2:00 pm – 5:00 pm) Session Chair: Dr. Chitra S. Misra, B.A.R.C., Mumbai	
Dr. Criss D’costa, IIT Bombay, Mumbai Title: Developing Potent Inhibitors to Resist Resistance	2:00 pm – 2:30 pm
Dr. Pratiksha Behera, Mithibai College, Mumbai Title: Structural and functional profiling of microbial assemblages from a coastal lagoon	2:30 pm – 3.00 pm
Dr. Vikrant M. Bohr, ICMR-NIRRH, Mumbai Title: Beyond the Virus: How Gut Microbiome-Immune System Interactions Influence Disease Severity in HCMV Infected Infants	3:00 pm – 3:40 pm
Dr. Dharendra Sharma, B.A.R.C., Mumbai Title: Natural Transformation as a partner of DNA Repair in the oxidative stress Resistance of <i>Deinococcus radiodurans</i>	3:40 pm – 4:20 pm
Dr. Hiral Shukla Pandya, SDSOS, NMIMS, Mumbai Title: Acetone Butanol Ethanol (ABE) fermentation revisited	4:20pm -4:50pm
Closing Remarks	4:50 pm – 5:00 pm