DAY 2 Wednesday, 9 December 2026

SESSION 3 Infectious Diseases

CHAIRS **Prof. Santasabuj Das** ICMR-NIRBI, Kolkata

Prof. Vibha Tandon CSIR-Indian Institute of Chemical Biology, Kolkata

Unravelling DNA Topoisomerase 1A as drug target and its role in stress adaptation and infection associated fitness in *S. aureus*
Prof. Vibha Tandon CSIR-Indian Institute of Chemical Biology, Kolkata

Understanding the function and regulation of a complex network of toxin-antitoxin systems from *Mycobacterium tuberculosis*
Prof. Ramandeep Singh THSTI, Faridabad

From dermal to visceral adaptation: genome plasticity drives GP63 paralogue specialization in Leishmania
Prof. Budhaditya Mukherjee IIT Kharagpur

Targeting Kinesin on Lipid Droplets: An unconventional approach against Metabolic and Viral Disease
Prof. Roop Mallik IIT Bombay, Mumbai

Archaeal stress adaptation, persistence, and microbial pathogenesis: Evolutionary lessons from VapBC4 Toxin-Antitoxin Systems
Prof. Abhrajyoti Ghosh Bose Institute, Kolkata

Nanomaterial-Biological Interactions in the Rational Design and Development of Advanced Therapeutics
Prof. Amitava Moulick Masaryk University, Brno, Czech Republic