



DEPARTMENT OF MICROBIOLOGY
UNIVERSITY OF DELHI SOUTH CAMPUS



SPECIAL SEMINAR

Dr. Manish Grover

Research Associate,
Laboratory of Dr. Michalis Barkoulas,
Department of Life Sciences,
Imperial College London, UK



Title: HOW ANIMALS CHIL-OUT PATHOGENS? UNDERSTANDING IMMUNE SIGNALLING AGAINST OOMYCETE PATHOGENS IN *C. ELEGANS*



Date: 6th March 2025

Time: 3 PM

Venue: Auditorium, Biotech Building

Biosketch:

Dr. Manish Grover obtained his bachelor's degree in biomedical sciences from the University of Delhi following which he pursued Integrated Ph.D. at the Indian Institute of Science (IISc), Bangalore, under Prof. Utpal Tatu, studying the role of heat shock proteins in host cell remodelling during malaria pathogenesis. After his doctorate, he moved to École Normale Supérieure de Lyon in France for a short time where he got introduced to the nematode *Caenorhabditis elegans* as the genetic model system. Later, he moved to the UK and joined as a research associate in the laboratory of Dr. Michalis Barkoulas focussing on innate immune signalling and inter-tissue communication in *C. elegans*, specifically in the context of recognition of oomycete pathogens, which are often misdiagnosed as fungi and are quite understudied.

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