

# Topic For Poster

1. Antimicrobial compounds as future drug
2. Impact of Climate Change on Pathogenicity
3. Air borne flora and their role in RTI
4. Aquatic Interface between pathogen and pollutants
5. Climate Change Mitigation in the Future Years
6. Molecular Basis of Life
7. Host Pathogen Interaction
8. Molecules to Biome

## Abstract submission for Posters

The abstracts for poster presentation in about 250 words containing Title in word doc. (no PDF), Author/s name's address & keywords should be sent to the Mail Id: [fibssxc2025@gmail.com](mailto:fibssxc2025@gmail.com) by 31st January, 2025. Accepted abstracts will be notified via registered email.

### Registration Fees:

Research Fellow, UG &  
PG students- Rs 800/-  
Faculty: Rs 1200/-

## Contact Us



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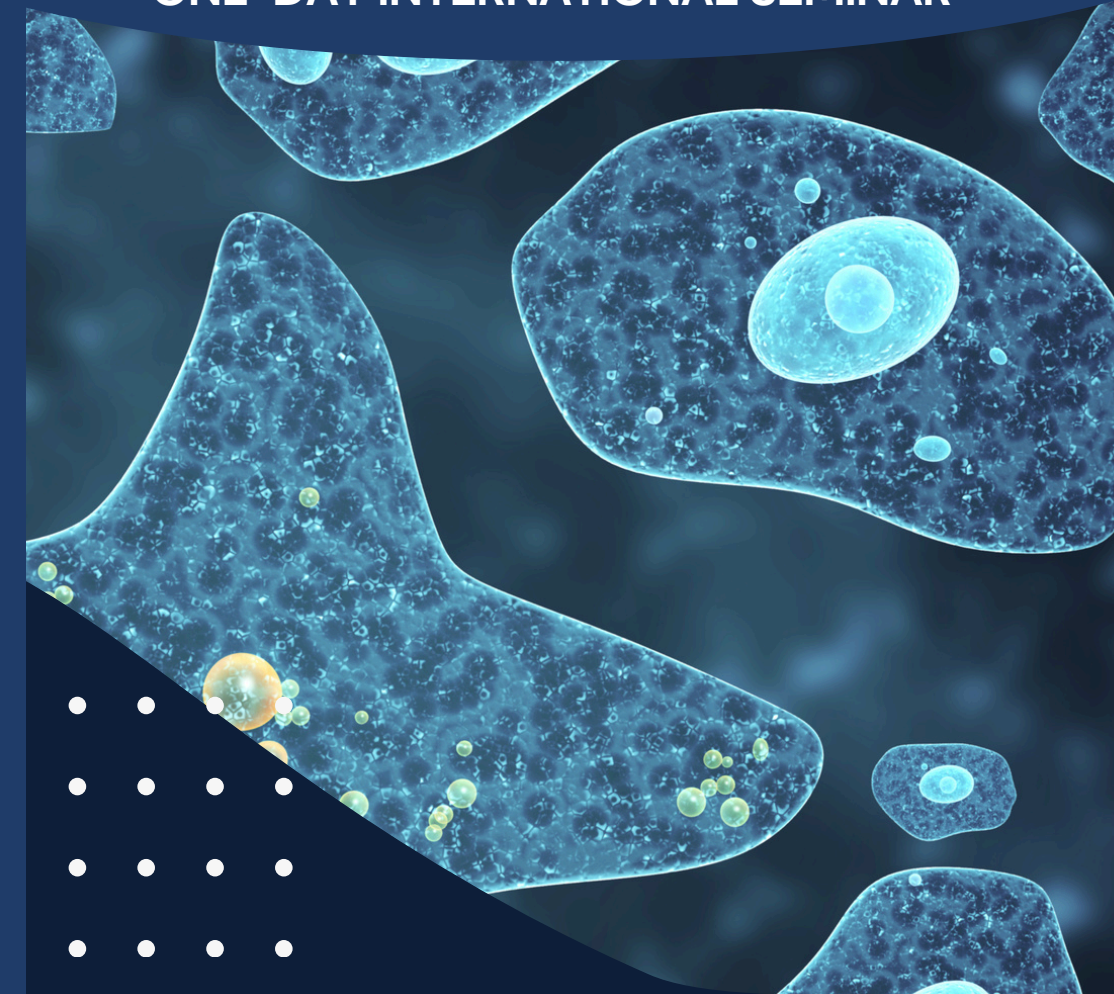


 St. Xavier's College (Autonomous), Kolkata

Postgraduate & Research Department of Microbiology

presents

ONE-DAY INTERNATIONAL SEMINAR



# FIBS

Frontiers in Biological Sciences

Chapter VI

14th February, 2025

Venue: Xavier Hall,

St. Xavier's College (Autonomous), Kolkata

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## About FIBS

Biological Science is a multidisciplinary field driving Technological advancements in Plant Science, Animal Science, Medical Microbiology, Molecular Biology, Genetics, Ecology, Microbiology, and Biochemistry. Over the past decade, the field has gained tremendous momentum in the country, primarily due to the reverse brain drain, with eminent young scientists returning after conducting groundbreaking research at renowned institutes worldwide.

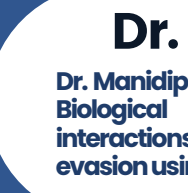
In this seminar, we aim to bring together four distinguished scientists on one platform, creating a unique opportunity for undergraduate students, postgraduate students, PhD Scholars and Faculty Members to interact directly with these experts and gain valuable insights into their work and experiences.

## Resource Persons



### Dr. Soumen Basak

Dr. Soumen Basak, Scientist F, Head of Systems Immunology laboratory, National Institute of Immunology, studies immune regulation mechanisms, focusing on signaling pathways like NF- $\kappa$ B to address inflammation and autoimmune diseases.



### Dr. Manidipa Banerjee

Dr. Manidipa Banerjee, Professor, Kusuma School of Biological Sciences, IITDelhi, studies virus-host interactions, viral mechanisms, and immune evasion using cryo-electron microscopy.



### Dr. Suman Dutta

Dr. Suman Dutta, a scientist at Oxford, studies neurodegenerative diseases like Huntington's, using imaging and computational techniques to find biomarkers and therapies.



### Dr. Ilora Ghosh

Dr. Ilora Ghosh, Associate Professor, School of Environmental Sciences, Jawaharlal Nehru University did her research on environmental toxicology, human health, cellular and cancer biology, and clinical biochemistry.



### Dr. Archana Sharma

Dr. Archana Sharma, Assistant Professor at Feinstein Institutes, researches neurodegeneration and neuroinflammation, focusing on inflammatory pathways and therapeutic targets.

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