

## International Symposium on Ciliate Biology (ISCB 2024)

### Report

Acharya Narendra Dev College in collaboration with Kirori Mal College, Gargi College, Hansraj College, Ramjas College, SGTB Khalsa College, Miranda House, Bhaskaracharya College of Applied Sciences, Shivaji College, Deshbandhu College, Swami Shradhanand College, University of Delhi, Jamia Milia Islamia University, Dev Bhoomi University, Uttarakhand, Symbiosis International University, Pune, phiXgen, ISME, FEMS, INSA and IUMS organized 8th International Conference of INSCR (Indian Network for Soil Contamination Research) and 4th International Symposium on Ciliate Biology from **April 03-05, 2024** at Conference Centre, University of Delhi. The Symposium was held on April 05, 2024 in hybrid mode in collaboration with INSCR.

The scientific content of the symposium included a wide gamut of aspects of ciliate biology: Biodiversity, Ecology, Evolution, Systematics, Genomics, Epigenetics, DNA Barcoding and Proteomics.

Eleven Speakers of International repute enlightened the gathering about their research work Plenary talk was delivered by Prof Gaytha who is Professor of Environment Policy at Bryant University, Rhode Island, USA. Other Eminent speakers were Prof Bettina Sonntag, Prof Alexey and Dr Alan Warren to name a few. The symposium also gave opportunity to UG/PG students and research scholars to present their research work in oral and poster sessions. One of the highlights of the conference was that the First Meeting of Indian Society of Ciliate Biology was chaired by Dr. Komal Kamra. This society is now an affiliate society of INSCR

The symposium aimed to achieve the following –

- It provided a platform for the ciliate interest group to exchange information, present the latest research findings, and establish collaborations
- It provided networking opportunities for students wishing to take up doctoral or postdoctoral research on ciliates

Prof. Ravi Toteja, officiating Principal of the College concluded the 4<sup>th</sup> International Symposium on Ciliate Biology by thanking the delegates and the presenters for their participation. Prof. Ravi Toteja also thanked the organizing committee for the successful completion of the Symposium.

### List of Speakers of ISCB 2024

<b>Speaker Name</b>	<b>Affiliation</b>	<b>Title of Talk</b>
Prof. Gaytha A. Langlois	Professor, Bryant University, USA	Functional Roles of Ciliates in Oiled Environments – Best Practices for Bridging Datasets
Dr. Jasmine Purushothaman	Scientist F, Zoological Survey of India, Kolkata	Testate Amoeba: A Friend or Foe to the Soil ecosystem
Prof. Rosaura Mayén-Estrada	Professor, Universidad Nacional Autónoma de México (UNAM), Mexico	<i>Epistylis</i> species as symbionts of crustaceans: some notes about the current knowledge and world distribution
Dr. Santosh Kumar	Scientist-E, Zoological Survey of India, Kolkata	Preliminary studies on ciliates associated with corals of Gulf of Mannar Marine National Park, India
Prof. Elena Sabaneyeva	Associate Professor, Saint Petersburg State University, Russia	Protein Glycosylation and susceptibility to infection with endosymbiotic microorganisms in Ciliates
Prof. Alexey Potekhin	Guest scientist, University of Innsbruck, Austria	Integrative taxonomy and hidden diversity of <i>Paramecium</i>
Dr. Alan Warren	Scientific Associate, Natural History Museum Cromwell Road, London, UK	The magnitude of marine species diversity, with emphasis on the protists
Dr. Valentina Serra	Project Assistant, Pisa University, Italy	Next Generation Taxonomy of a novel Predatory Ciliate of the genus <i>Lacrymaria</i> (Alveolata, Ciliophora)
Dr. Komal	Visiting Senior Scientist,	My Tryst with Ciliates

Kamra	Ciliate Biology Laboratory, DU	
Prof. Bettina Sonntag	Senior scientist, University of Innsbruck, Austria	Ciliates involved in science communication
Dr. Nageswara Rao Amanchi	Assistant Professor, Osmania University, Hyderabad	Exploring Pesticide Toxicity: Comprehensive Insights from <i>Paramecium</i> Studies as a Model Organism
<b>Core Committee General Body meeting</b>		

**PICS**





