International Symposium on Ciliate Biology (ISCB 2022)

Report

In commemoration of Centenary Celebrations, Acharya Narendra Dev College and Maitreyi College, in collaboration with INSCR (Indian Network for Soil Contamination Research) organized an online **3rd International Symposium on Ciliate Biology 2022 (ISCB 2022)** on November 08, 2022.

Thirteen 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 Cristina Micelli, Prof Alexey, Prof. Fokin 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 conferring **Lifetime Achievement Award** to Prof. G.R Sapra for his outstanding achievements and contribution to Ciliate Biology.

The themes covered during the Symposium were Biodiversity, Ecology, Evolution, Systematics, Genomics, Epigenetics, DNA Barcoding, Proteomics and Bacterial Symbionts in Ciliates

Registration for the symposium was open to UG/PG students, research scholars, Post-doctoral fellows, and faculty. More than 100 participants registered for the symposium from various National and International academic institutions. Undergraduate students were encouraged to participate in the symposium through subsidized registration costs. Students or emerging scholars accounted for approximately one-quarter of the participants.

The symposium aims to achieve the following –

- To provide a platform for the ciliate interest group to exchange information, present the latest research findings, and establish collaborations
- To enthuse a large number of Indian and foreign undergraduate and postgraduate students to take up ciliated protists as their preferred research area
- To provide networking opportunities for students wishing to take up doctoral or postdoctoral research on ciliates

Prof. Ravi Toteja, officiating Principal of the College concluded the 3rd 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.

Keynote and Invited Speakers:

Name of Speaker	Affiliation	Title of Talk
Prof Cristina Miceli	School of Biosciences and Veterinary Medicine University of Camerino via Gentile III da Varano 62032 Camerino (MC) ITALY	Ciliate as sensors for environmental stresses
Prof Bettina Sonntag	University of Innsbruck Research Department for Limnology, Mondsee, Austria	Identification of Planktonic Freshwater Ciliates and their Key Roles in Aquatic Environments
Prof Alexey Potekhin	Department of Microbiology, Faculty of Biology, St Petersburg	Diversity and Dynamics of Microbiomes associated with Freshwater Ciliates
Prof. Sergey Fokin	Department of Biology, Università, di Pisa, UNIPI	Ciliates and its symbionts from ecological point of view
Prof. Gaytha Langlois	Professor of Environmental Policy, Bryant University, Rhode Island, USA	Ciliates in extreme environments
Prof Zhongtang Yu	Professor, College of Food, Agricultural, and Environmental Sciences OSU Center of Microbiome Science Department of Animal Sciences 110E 2029 Fyffe Road Columbus, OH 43210-1095	Genomics of Rumen Ciliates
Prof. Elena Sabaneyeva	Professor, Saint Petersburg State University	Symbiotic associations in ciliates: problems and perspectives
Dr. Alan Warren	NaturalHistory MuseumCromwell Road, London SW7 5B, UK.	Protists are for everyone: A personal overview of knowledge dissemination and promoting public awareness.
Dr Adriana Vallesi	Associate Professor, University of Camerino, Macerata, Marche, Italy	Pheromone and pheromone genes structure, expression and evolution.
Rosaura Mayén Estrada	Universidad Nacional	Symbiotic ciliates of molluscs with emphasis on species from

	Autónoma de México, Mexico	Mexico	
Dr Valentina Serra	Project Assistant, H2020- MSCA-RISE "NGTax" project, Pisa University	Next Generation Taxonomy: Ciliophora and their bacterial symbionts as a proof of concept" (Acronym: NGTax)	
Post Doctoral Fellows			
Dr Yuanyuan Wang	Laboratory of Protozoology, Institute of Evolution and Marine Biodiversity, Ocean University of China	Semi-conservative transmission of eukaryotic N6-adenine methylation, 6mA	
Dr Harpreet Kaur	Postdoctoral Fellow Dacks Lab Division of Infectious Disease, Department of Medicine, University of Alberta	Expansion of SM and Qa- SNARE proteins to regulate vesicle fusion in ciliates	
S.Sripoorna	Postdoctoral Fellow Animal Science Building, Ohio State University, Columbus, Ohio, USA	Bioinformatics analysis of heavy metal (Cadmium and Copper) binding proteins and Cysteine-rich proteins in <i>Tetmemenasp</i> . SeJ-2015 to affirm their roles in heavy metal tolerance	

Photos from the Conference







