



International Conference on Advances in Biosciences and Biotechnology

ICABB -2022

(20 - 22 January, 2022)



Innovation in Life Sciences and Computational Biology

PROGRAMME

Day 1: Thursday, 20th January, 2022

Technical Session I: Computational Biology and Applications

09:00 AM to 10:00 AM	Inaugural Ceremony Prof. S. C. Saxena (Pro-Chancellor) Prof. Yog Raj Sood (Vice-Chancellor) Prof. Pammi Gauba (HOD) Organizers: Prof. Rachana & Dr. Shazia Haider
10:00 AM to 10:30 AM	Dr. Rajeev Singh Raghuvanshi (Secretary-cum-Scientific Director, Indian Pharmacopoeia Commission, Ministry of Health and Family Welfare, Govt. of India) <i>"Pharmacopoeial standards for Biotechnology based therapeutics"</i>
10:30 AM to 11:15 AM	Anirban Chakraborti (Professor, BML, Munjal University) <i>"Network Science Applications in Biology: Identifying significant key regulators"</i>
11:15 AM to 12:00 PM	Pawan K. Dhar (Professor, School of Biotechnology, JNU) <i>"Systems and Synthetic Biology: concepts to application"</i>
12:00 PM to 14:00 PM	ORAL & POSTER PRESENTATIONS SESSION I

Lunch Break (14:00 to 15:00 PM)

Technical Session II: Medical and Microbial Biotechnology

15:00 PM to 15:45 PM	Prof. Yogendra Singh (Prof. Dept. of Zoology, Delhi University) <i>"Protein Kinases and Phosphatases: Role in Virulence and Survival of Pathogenic Bacteria"</i>
15:45 PM to 16:30 PM	Prof. Rup Lal (NASI-Senior Scientist Platinum Jubilee Fellow, TERI) <i>"Microbiome: Human Health, Environment and Society"</i>
16:30 PM to 18:00 PM	ORAL & POSTER PRESENTATIONS SESSION II

Day 2: Friday, 21st January, 2022

Technical Session III: Food Agriculture and Natural Products

9:15 AM to 10:15 AM	Dr. Murugeswaran R (Deputy Director, M/O Ayush, Govt. Of India) <i>“Medical Plants on Western Ghats Issues and Challenges”</i>
10:15 AM to 11:00 AM	Dr. Dinesh Nagegowda (Senior Principal Scientist, CSIR-CIMAP Research Centre, Bangalore) <i>“Exploration of Specialized Metabolic Pathways and their regulation in Plants”</i>
11:00 AM to 13:00 PM	ORAL & POSTER PRESENTATIONS SESSION I & IV

Lunch Break (13:00 to 14:00 PM)

Technical Session IV: Environmental and Industrial Biotechnology

14:00 PM to 14:45 PM	Prof. Narayan Puneekar (Professor Biotechnology, IIT Bombay) <i>“Aspergillus niger acidogenic metabolism: A peek at its carbon nitrogen interface”</i>
14:45 PM to 15:30 PM	Dr. Jean Francois Berret (Directeur de recherche CNRS, University of Paris) <i>“Environmental Inhaled Nanoparticles in the lungs : Interaction and Induced toxicity”</i>
15:30 PM to 17:30 PM	ORAL & POSTER PRESENTATIONS SESSION V



Day 3: Saturday, 22nd January, 2022

Technical Session V: Nanotechnology and Drug Delivery

9:15 AM to 10:15 AM	Dr. Megan Lord (Associate Professor of Biomedical Engineering & Director of the Molecular Surface Interaction Network Laboratory at UNSW) <i>“Bioengineered growth factor delivery for vascular applications”</i>
10:15 AM to 11:00 AM	Dr. Ajay Karakoti (Associate Professor, School of Engineering at University of Newcastle, Australia) <i>“Nanoparticles as Versatile Nanozymes: Oxidant and Antioxidant Applications”</i>
11:00 AM to 12:00 PM	VALEDICTORY, VOTE OF THANKS & CLOSING CEREMONY