One-Day Virtual Symposium on

INFORMATICS-DRIVEN ADVANCES IN BIOLOGICAL SCIENCES

10:00 AM - 05:00 PM IST
ON MARCH 2nd, 2022

Organised By:
Department of Biological Sciences, BITS Pilani, Pilani Campus and Asia Pacific Bioinformatics Interaction and Networking Society (APBians)

Bioinformatics Approach to Unravel Molecular Pathways of Itch and Ouch Sensations
Dr. Santosh Mishra
Department of Molecular Biomedical Sciences NC State Veterinary Medicine, North Carolina, United States

Bioinformatics: Genomics to Drug Discovery
Dr. V Umashankar
ICMR-National Institute for Research in Tuberculosis, Department of Health Research, Indian Council of Medical Research, Chennai

High-throughput omics approaches in plant science
Dr. Niharika Sharma
NSW Department of Primary Industries Orange Agricultural Institute, New South Wales, Australia

Deciphering the molecular pathways in plants using multi-omics approach
Prof. Kashmir Singh
Department of Biotechnology, Panjab University, Chandigarh

Informatics - a stepping stone towards crop to model plant species
Dr. Paritosh Kumar
Centre for Genetic Manipulation of Crop Plants, New Delhi

Molecular Dynamics: A special tool for Biologist
Prof. Shibasish Chowdhury
Department of Biological Sciences, BITS Pilani, Pilani Campus

Protein cavities: exploring the abyss of the hidden voids
Dr. Arjun Ray
Department of Computational Biology, Indraprastha Institute of Information Technology, Delhi

Emerging role for genome level cooperativity and target topology in protein-DNA interactions
Prof. Shandar Ahmad
School of Computational & Integrative Sciences, Jawaharlal Nehru University, New Delhi

Conveners:

Prof. Rita Sharma
Founder Member, APBians & Associate Professor Dept. of Biological Sciences, BITS Pilani, Pilani Campus

Prof. PR Deepa
Professor and Head Dept. of Biological Sciences, BITS Pilani, Pilani Campus

Prof. Shandar Ahmad
President, APBians & Professor, SC&IS, Jawaharlal Nehru University, New Delhi

Dr. Mukul Joshi
Assistant Professor Dept. of Biological Sciences, BITS Pilani, Pilani Campus

Click Here To Register (Free): https://forms.gle/R3hvQUdb9ZuVZrbU8
Last Date for Registration: February 27, 2022, 5:00 PM (IST)
Program Schedule is available here:
https://www.bits-pilani.ac.in/pilani/biologicalScience/DepartmentofBiologicalScience
Joining details will be shared by Email with the registered participants only.