

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

Dr. Mukul Joshi

Assistant 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

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.

