



92nd Annual Meeting of the Society of Biological Chemists

Biological Chemistry: Opportunities, Challenges and the Way Forward
BITS Pilani, K K Birla Goa Campus



Day 1 (18th December, 2023, Monday)

9:30-11:00

Inaugural [Auditorium]

Welcome Note by Director, BITS Pilani, K K Birla Goa Campus

**Presidential Address by Dr. D N Rao, IISc-Bangalore
(Introduced by Dr. Samit Chattopadhyay, BITS Pilani, K K Birla Goa Campus)**

**Keynote Address by Dr. Lynne Maquat, University of Rochester, USA
(Introduced by Dr. Meenal Kowshik, BITS Pilani, K K Birla Goa Campus)**

Title: Nonsense-mediated mRNA decay in human health and disease

Vote of Thanks

11:00-11:15

Tea

11:15-13:00

Award Lectures [Auditorium]

Sreenivasaya Memorial Award Lecture:

Dr Benu Brata Das, Indian Association for the Cultivation of Science

A N Bhaduri Memorial Award Lecture:

Dr V Arun Nagaraj, DBT-Institute of Life Sciences

I. S. Bhatia Award Lecture:

Dr. Utpal Nath, Indian Institute of Science, Bangalore

Chair: Dr. D N Rao, President, SBC(I)

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**'Platinum +' Sponsor Talk by Dr. Rampradeep Samiappan, Thermo Fisher Scientific
"Role of CRYO-EM for Life Science Applications"**

13:00-14:00	Lunch		
14:00-15:30	Poster Session [Grand Spine] [Coordinators: Drs. Sonal Ayakar, Tusar T. Saha, Arnab Banerjee, Woormileela Sinha, BITS Pilani, Goa Campus]		
15:00-15:30	EC meeting [Director's Conference Room]. Coordinator: Dr. Samit Chattopadhyay		
Invited Talks 15:30-17:00			
	Session 1 [DLT7] Molecular Modeling Chair: Dr. Arun Sreekumar, BCM	Session 2 [DLT8] Infectious Diseases and Antimicrobial Resistance-1 Chair: Dr. Deepak Saini, IISc	Session 3 [DLT9] Genomics and Gene Regulation-1 Chair: Dr. Purusharth Rajyaguru, IISc
15:30-16:00	Dr. Debasis Dash Director, DBT-ILS Title: A machine learningbased approach to determine infection status in recipients of whole virion inactivated SARSCoV-2 vaccine	Dr. Shailja Singh JNU Title: CRISPR-Cas9 GenomeEditing guided identification and development of the host targeting irresistible anti-malarials	Dr. Krishnaveni Mishra UoH Title: Regulation of gene expression via transcription termination
16:00-16:30	Dr. Neelanjana Sengupta IISER Kolkata Title: Probing (Bio)Molecular Complexity via Modern Computer Simulations	Dr. Bappaditya Dey NIAB Title: Unveiling bovine TB pathogenesis and drug resistance through the lenses of a new disease model and an emerging pathogen	Dr. Subeer Majumdar Director General, GBU Title: Generating therapeutic proteins in animal milk to increase affordability
16:30-17:00	Dr. Debashis Mukhopadhyay SINP Title: The 'fuzzy' links in the Brain: Understanding how lncRNAs functionally	Dr. Nishith Gupta BITS Pilani, Hyd Title: Phospholipid homeostasis and its importance for SERCA pump in the widespread	Dr. Farah Ishtiaq TIGS Title: Role of Genomic surveillance in Community Health using Urban Wastewater

	regulate neurodegeneration	intracellular pathogen, <i>Toxoplasma gondii</i>	
17:00-17:15	Tea		
	Invited Talks 17:15-18:45 PM		
	Session 1 [DLT7] Structural Biology -1 Chair: Dr. Biswajit Kundu, IIT Delhi	Session 2 [DLT8] Molecular Oncology Chair: Dr. Sathees C. Raghavan, IISc	Session 3 [DLT9] Genomics and Gene Regulation-2 Chair: Dr. Ashis Kumar Das, BITS Pilani
17:15-17:45	Dr. Saman Habib CSIR-CDRI Title: Unique functional roles of low complexity regions in two Plasmodium falciparum proteins	Dr. Alo Nag DU, South Campus Title: Unlocking the Oncogenic Nexus: HPV-E7 and APC/C-Cdh1 in Cervical Carcinogenesis	Dr. Usha Vijayraghavan IISc Title: Codes rice floret development: leads from studies on OsMADS1 regulated gene networks
17:45-18:15	Dr. Manidipa Banerjee IIT Delhi Title: The role of viroporins in the assembly and propagation of enveloped viruses	Dr. Sib Sankar Roy CSIR-IICB Title: Metabolic and Bioenergetic Adaptations in Cancer Cells	Dr. Sanjeev Khosla Director, CSIR-IMTECH Title: Epigenetic interaction between microbes and host
18:15-18:45	Dr. Deepak T. Nair DBT-RCB Title: DNA synthesis by DNA polymerases: Old questions and New Answers	Dr. Arun Sreekumar Baylor College of Medicine Title: Metabolic re-wiring in triple negative breast cancer modulates its immune landscape and promotes tumor progression	Dr. Md. Altaf Bhat UoK Title: Mechanism of heterochromatin organization and its role in genome stability
Dinner: 19:30 PM (BITS Pilani, Goa Campus VGH Lawns)			