



Frontiers in Chemical Biology and Organic Materials
&
Felicitations of Professors Santanu Bhattacharya and Uday Maitra
Venue: Biological Sciences Lecture Hall, IISc Bangalore



July 21, 2023, Friday

9:00 - 9:15 Meet and greet		
9:15 - 9:20 AM	Introductory Remarks	
Session 1		Chair: Prof. P. K. Das
9:20 - 9:55 AM	Prof. A. Chaudhuri <i>IISER Kolkata</i>	Targeted Chemotherapy in Combination with in vivo Dendritic Cell Targeted DNA Vaccination Eradicates Established Mouse Melanoma
Session 2		Chair: Prof. Kaushik Chatterjee
9:55 - 10:20 AM	Prof. Avinash Bajaj <i>Regional Centre for Biotechnology, Faridabad</i>	Unlocking the Chemistry of Lipids (Bile Acids) for Cancer Treatment
10:20 - 10:45 AM	Prof. Praveen Vemula <i>inStem Bangalore</i>	Prophylactic Technologies to Prevent Pesticide-Induced Toxicity and Lethality

10:45 - 11:10 Tea/Coffee Break

Session 3		Chair: Prof. K. R. Prabhu
11:10 - 11:35 AM	Prof. Jayanta Haldar <i>JNCASR Bangalore</i>	Conquering Antibiotic Resistance: An Endless Struggle
11:35 - 12:00 PM	Prof. Akash Gulyani <i>University of Hyderabad</i>	Natural and Engineered Biosensors: Probing Cellular Dynamics and Uncovering New Light Sensing Modules in Nature
12:00 - 12:25 PM	Prof. Rajat K. Das <i>IIT Kharagpur</i>	Fabrication and Study of Mechanical Behaviour of Strong, Stretchable and Self-healing Polymer Hydrogel Materials

12:30 - 14:00 Lunch Break (Chemical Science Building)

Session 4		Chair: Prof. Dipankar Chatterji
14:15 - 14:50 PM	Prof. K. N. Ganesh <i>IISER Tirupathi</i>	Second generation Peptide Nucleic Acids (PNA 2.00): 'JANUS' PNAs with Non-Identical Faces for Programmable Supramolecular Assemblies
Session 5		Chair: Prof. P. S. Mukherjee
14:50 - 15:15 PM	Prof. Samrat Mukhopadhyay <i>IISER Mohali</i>	Biological Phase Transitions: Where Chemistry and Physics Meet Biology
15:15 - 15:40 PM	Prof. Supratim Banerjee <i>IISER Kolkata</i>	Functional Luminescent Materials from Aqueous Self-Assembly of Cyanostilbene Amphiphiles

15:45 - 16:10 High Tea

16:15 - 18:15 Felicitations Function		
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The symposium will be held in a hybrid mode. Please use the below details to join online.

Microsoft Teams meeting

[Click here to join the meeting](#)

Meeting ID: 415 748 530 288

Passcode: X9YzDM