

# Symposium on *Frontiers in Biological Sciences*

Organized by the Department of Biological Chemistry

C V Raman Hall; February 26, 2018

## Scientific Program

11:00-11:05	Inaugural address by Prof. Santanu Bhattacharya, The Director
11:05-12:00	<b>IL1: Understanding the Nano-Bio Interface: The key for Translation: Prof. Amit K Dinda</b> , AIIMS, New Delhi ( <i>Colloquium lecture</i> )
12:00-12:30	Tea Break
	Session 1: Chair: Dr. Prasanta K Das
12:30-12:45	<b>Talk 1: Lipid droplets a key player of microbial defense system of zebrafish embryos: Asmita Dutta</b> (from Dr. Deepak Sinha's group)
12:45-13:00	<b>Talk 2: Novel regulators of Topoisomerase 1-induced DNA damage and repair: Ishita Rehman</b> (from Dr. Benu Brata Das's group)
13:00-13:15	<b>Talk 3: The iron-storage protein ferritin: Its significance in Bioelectronics: Jayeeta Kolay</b> (from Dr. Rupa Mukhopadhyay's group)
13:15-13:30	<b>Talk 4: Amphiphilic peptide based noncytotoxic stimuli responsive hydrogels with antibacterial activity against Gram-positive and Gram-negative bacteria: Nibedita Nandi</b> (from Dr. Arindam Banerjee's group)
13:30-15:00	Lunch Break
	Session 2: Chair: Dr. Siddhartha S Jana
15:00-15:30	<b>IL2: Conformation, folding and aggregation of protein implicated in neurodegeneration: Dr. Krishnananda Chattopadhyay</b> , IICB, Kolkata
15:30-15:45	<b>Talk 5: Multiple blebbing associated with tumorigenicity: Raman K Singh</b> (from Dr. Siddhartha S Jana's group)
15:45-16:00	<b>Talk 6: Phospholipid contribution in Blood Coagulation: Suman Mallick</b> (from Dr. Prosenjit Sen's group)
16:00-16:30	<b>Talk 7: Self-Assembled Vesicle-Carbon Nanotube Conjugate as Efficient Delivery Vehicle: Soumik Dinda</b> (from Dr. Prasanta K Das's group)
16:30-17:00	<b>IL3: Chromosome segregation in budding yeast: A computational perspective: Dr. Raja Paul</b> , IACS, Kolkata
17:00-17:30	Vote of Thanks by Dr. R. Mukhopadhyay and High Tea

IL1: Invited Lecture: (45 min talk+15 min discussion), IL2-3: (25 min talk+5 min discussion), and Talk 1-7: (12 min talk + 3 min discussion)