

One-day Symposium on “Contemporary Topics in Biochemistry and Biophysics”

Organized by Department of Biological Chemistry
Venue: C. V. Raman Hall; Date: March 10, 2017

10:00-10:15 AM Inaugural address by Prof. Santanu Bhattacharya,
The Director

10:15-11:00 AM Prof. Siddhartha Roy, Bose Institute, *Peptide-based synthetic
transcription factors for Gene Regulation*

11:00-11:10 AM Tea Break

Session 1

Chairperson: Prof. Arindam Banerjee

11:10-11:40 AM Dr. Deepak Kumar Sinha, *Lipid Droplet (LD): Dynamics and role
in development of the zebrafish embryos*

11:40-12:00 AM Mr. Kingshuk Basu, *Peptide Self-Assembly and Gelation: A Path
to Design Better Biomaterials for Drug Delivery*

12:00-12:20 PM Ms. Saheli Sarkar, *Surface Functionalized Carbon Dots: Potential
in Bioimaging and Biocatalysis*

12:20-12:40 PM Ms. Hiya Lahiri, *Molecularly resolved Label-free Nucleic Acid
Biosensing*

12:40 - 2:15 PM Lunch Break

2:15-3:00 PM Dr. Dipyaman Ganguly, *Cancer metabolism to
immunosurveillance: a novel immune evasion mechanism mediated
by a cancer cell metabolite*

Session 2

Chairperson: Dr. Siddhartha Sankar Jana

3:00-3:20 PM Ms. Debdatta Halder, *Role of Nonmuscle myosin IIA and IIB in
carcinogen-induced tumor*

3:20-3:40 PM Mr. Mahesh Agarwal, *Cytoplasmic viscoelasticity influences
macrophage phagocytosis*

3:40-4:00 PM Ms. Anindita Bhattacharya, *Monocyte to macrophage
differentiation : Journey of a cell from blood to tissue*

4:00-4:30 PM Dr. Prosenjit Sen, *TF-VIIa Complex: Coagulation to cancer*

Vote of Thanks Dr. Siddhartha Sankar Jana