

One Day Symposium of School of Biological Sciences, IACS

On 20th February, 2019 at C.V. Raman Hall, IACS

10:30 -10:45 am Inauguration & a lecture by Prof. Soumitra Sengupta , IACS

10:45-11:00 am: Tea Break

Session 1

Chair Person: Prof. Soumitra Sengupta, IACS

11:00-11:45 Plenary Talk:

Speaker: Prof. Siddhartha Roy (Bose Inst.)

Title: Targeting gain-of-function mutant p53 for drug sensitization.

Session: 2

Chair: Prof. R. Mukhopadhyay, IACS

11:45 -12:05 Talk 1, Speaker: Mr. Sudipta Bera

Title: Proteins as Bioelectronic Materials.

12:05-12:25 Talk 2, Speaker: Mr. Pritam Choudhury

Title: Naphthalene Diimide based Fluorescent Organic Nanoparticles for Task Specific Applications

12:25-12:45 Talk 3, Speaker: Ms. Sudipta Sarkar

Title: Lipid trafficking and role of lipid droplet in early zebrafish embryo

12:45-13:05 Talk-4, Speaker: Mr. Kousik Gayen

Title: A pseudo-peptide based metallo-hydrogel that acts like an esterase

13:05-13:25 Talk-5, Speaker: Mr. Kaushik Das

Title: Blood Coagulation Initiation complex, Tissue Factor–Factor FVIIa Mediated Breast Cancer Progression via Microvesicles

13:25-14:15 Lunch

Session 3

Chair: Prof. S. Ghosh, IACS

14:15-14:50 Dr. Surajit Ghosh, CSIR-IICB (**Invited Lecture 1**) Title: Spatial Position Regulates Power of Tryptophan: Discovery of Major Groove Specific Cell Penetrating Tetrapeptide

14:50-15:10 Talk-6 Speaker: Ms. Samprita Das

Title: Identification of A2 insert in loop2 region of nonmuscle myosin IIA in mouse brain

15:10-15:30 Talk-7 Speaker: Mr. Arijit Ghosh

Title: SCAN1 mutant TDP1 trapping on mitochondrial DNA impedes mitochondrial function and promotes mitochondrial fission.

Chair: Prof. Indra Dasgupta, IACS

15:30-16:05 Dr. Partha Chakrabarti, CSIR-IICB, Kolkata (**Invited Lecture-2**)

Title: A Search for the Indian ‘Thin-Fat’ Diabetes

16:05-16:40 Prof. Nihar Ranjan Jana, IIT-Kharagpur (**Invited Lecture-3**)

Title: Regulation of protein homeostasis in neurodegenerative disorders

16: 40 – 17:00 Valedictory Session & vote of thanks and Tea

Prof. A. Banerjee, IACS