

Program Schedule

CV Raman Hall, IACS; 10th January, 2025

Welcome Note : Prof. Siddhartha Sankar Jana, Chair- SBS; 10:00-10:05		
Opening Remark : Prof. Arindam Banerjee, Director, IACS; 10:05-10:10		
Session 1: Chair: Prof. Arindam Banerjee		
Speaker	Title	Time
B J Rao, UoH (IL-1)	Regulated autophagy and chaperone levels cooperatively modulate acquired thermotolerance in Arabidopsis thaliana	10:15-10:55
Session 2: Chair: Prof. Rupa Mukhopadhyay		
S Chatterji, CHINTA, TCG CREST (IL-2)	“Astro”logy and Autism: New insights from recordings in human brain cells	11:00-11:40
TeaBreak:11:40-12:00		
Session 3: Chair: Prof. Surajit Sinha		
Prasanta K Das IACS (IL-3)	Supramolecular Nanostructures in Therapeutics and Diagnostics	12:00-12:30
Deepak K Sinha IACS (IL-4)	Effect of protein crowding on cell volume regulation and membrane receptor activation	12:30-13:00
Lunch:13:00-14:45		
Session 4: Chair: Prof. Abhishek Dey		
Aftab Hossain Khan (ST-1)	Targeted Estradiol-Derived Carbon Dots for Selective Induction of Apoptosis in ER (+) Breast Cancer Cells via Oridonin-Activated p53 Pathway	14:45-15:00
Budhaditya Bhattacharya (ST-2)	Nucleic acid detection on morpholino-AuNP conjugate probes using time-of-flight secondary ion mass spectrometry	15:00-15:15
Swapnendu Deb (ST-3)	Supramolecular Self-Assembling Nucleopeptides Exhibiting Strong Antimicrobial Activity against Multi-Drug Resistant Clinically Isolated Strains and In-Vitro Wound Healing Compatibility	15:15-15:30
Sayani Haldar (ST-4)	Size, Location, and Metabolism Control Lipid Droplet Composition in Zebra fish Embryos: A Spectral Imaging Study	15:30-15:45
Tea Break:15:45-16:00		
Session 5: Chair: Dr. Ritesh Ranjan Pal		
Suparno Banerjee (ST-5)	Pleiotropic regulation of virulence related traits by a predicted regulator of nanotube formation in Pathogenic <i>Escherichia coli</i>	16:00-16:15
Avinandan Bhoumik (ST-6)	Sphingosine-1-Phosphate Promotes CD8 T Cell Exhaustion in Breast Cancer via exosomal transfer of TGFBR2	16:15-16:30
Banhi Chowdhury (ST-7)	Functional coupling of PRMT5 and PARP1 preventing toxic “PARP1-trapping” during DNA damage	16:30-16:45
Debapriya Dey (ST-8)	A combinational approach to inhibit cancer cell growth and metastasis by targeting Nonmuscle myosin II and Topoisomerase I	16:45-17:00
Session 6: Chair: Prof. Benu Brata Das		17:00-17.45
Panelists: BJ Rao, S Chatterji, Director, Dean (s) and Registrar	Post PhD Job opportunity	
Vote of Thanks: Prof. Prosenjit Sen: 17:45-18:00		
IL- Invited Lecture, ST-Student talk		

