

2nd ANNUAL BIOLOGY MEET

10th-11th January, 2015

Indian Institute of Science Education and Research Bhopal

Guest Speakers



Gaiti Hasan

Professor, NCBS (TIFR, Bangalore)



Roop Mallik

Associate Professor, TIFR, Mumbai

❖ Faculty and Student Talks

❖ Posters



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Annual Biology Meet-2015

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Programme Summary

Saturday 10th January 2015

Time	Programme details (Pre-lunch)	
09:00am - 09:45am	Registration	
09:50am - 10:00am	Welcome address by HOD	
10:00am - 10:15am	Introduction to the memorial lecture by Puja Kumari	
10:15am - 11:00am	Dr. Sathish Narayanan memorial lecture By Gaiti Hasan	<i>Title: Drosophila flight: an invertebrate paradigm of motor coordination</i>
Group talk-I (2)	Speakers	Title
11:00am - 11:25am	1) Bhagaban Mallik 2) Saumitra Dey Choudhury	1) Genetics and Cell Biology of Synaptic Communication and Plasticity 2) The Highwire Act: A tale of choreography of developmental events leading to synapse growth at the Drosophila neuromuscular junction
11:30am-12 Noon	Tea Break	
Group talk-II (3)	Speakers	Title
12 Noon - 12:25pm	Vishal Rai	Bioconjugate chemistry for labeling of proteins
12:25pm - 12:50pm	Sandeep S. Raut	Functional specificity and evolution of J-proteins: Role of C-terminal domain
12:50pm - 01:15pm	Neha Upadhyay	Study of MATE transporters in Arabidopsis roots to enhance phosphate uptake and aluminium tolerance in plants
01:20pm - 2:30pm	Lunch Break	

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Time	Programme details (Post-lunch)	
Group talk-III (3)	Speakers	Title
02:35pm - 03:00pm	Sakshi Chauhan	Characterization of H3 tail clipping activity of GDH
03:00pm - 03:25pm	Deepti Chaturvedi	Working with membrane proteins
03:25pm - 03:50pm	Mintu Chandra	Insights into molecular switch : a novel GTPase from Entamoeba histolytica with tandem G-domains
4:00pm-4:30pm	Tea Break	
Group talk-IV (3)	Speakers	Title
04:30pm - 04:55pm	Archana Tiwari	Stem Cell Banking: Healing possibilities for the regenerative medicines
05:00pm - 05:25pm	1) Mansi Gujrati 2) Saurabh J. K. Mehta	1) Deciphering importance of SUMO modification mediated processes in Plasmodium falciparum 2) Identification and Molecular Characterization of Drosophila AT-hook protein ELYS
05:30pm onwards	Poster session	
07:00pm onwards	Dinner in LHC court	

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Sunday 11th January 2015

Time	Programme details	
Group talk-V (3)	Speakers	Title
9:30am-10:15 am	Roop Mallik	Cholesterol induces clustering of motor proteins for phagosome degradation
10:20am - 10:45am	Sanjeev Shukla	Regulation of alternative pre-mRNA splicing by epigenetic alterations
10:45am - 11:10am	Sushil Kumar Nehra	Interplay between cancer and antiviral innate immunity
11:15am - 11:45am	Tea Break	
Group talk-VI (3)	Speakers	Title
11:50am - 12:15pm	Rajib Saha	Searching for life beyond Earth
12:15pm - 12:40pm	Vinita Gowda	Explaining conservation and diversity in floral forms of gingers and aroids using ecology and molecular phylogenetics
12:40pm - 01:05pm	Darshan Dhakan	Metagenomics reveals the enrichment of microbial community in a manmade environment from a natural environment
01:10pm - 02:30pm	High Tea (Student-Invited speaker interaction)	
Group talk-VII (1)		
2:30pm – 3:00 pm	Sequencing at every scale by Nitya Nand Sharma, Premas Life Science	
03:00pm - 03:30pm	Prize distributions (Prizes for best posters and Oral presentation) Concluding remarks and vote of thanks (Vimlesh Kumar)	