

**\*\* Indian Institute of Science Education and Research-Bhopal \*\***



# Annual Biology Meet-2016

# Annual Biology Meet - 2016

## Programme Summary

<b>Saturday 9<sup>th</sup> January 2016 (DAY I)</b>		
<b>Time</b>	<b>Programme details</b>	
<b>09:30am-10:00am</b>	<b>Registration</b>	
<b>10:00am - 10:10am</b>	<b>Welcome address by HOD</b>	
<i>Session I and II will be chaired by Varun Chaudhary</i>		
<b>Session - I</b>	<b>Speakers</b>	<b>Title</b>
<b>10:10am - 11:00am</b>	Dr. Sathish Narayanan memorial lecture by Srimi Kaveri [Plenary Talk (1)]	Antibodies: more than mere neutralization of pathogens
<b>11:00am - 11:20am</b>	Mansi Gujarati	SUMO: from its structure, substrate to function.
<b>11:20am-11:50am</b>	<b>Tea Break</b>	
<b>Session - II</b>	<b>Speakers</b>	<b>Title</b>
<b>11:50am – 12:20pm</b>	Faculty Talk by Himanshu Kumar	MicroRNA influencing Influenza virus infection: A therapeutic approach.
<b>12:20pm - 01:00pm</b>	1) Muralikrishna Lella 2) Upendar Rao Golla	1) Structural and Functional Engineering of Holin Transmembrane Domain I: From Membrane Breaker to Ion Channel. 2) Implication of Chemical Genetics and library of Histone H3/H4 mutants to evaluate Fluoride Induced Cytotoxicity in <i>Saccharomyces cerevisiae</i> .
<b>01:00pm-02:30pm</b>	<b>Lunch Break</b>	
<i>Session III will be chaired by Vikas Jain</i>		
<b>Session - III</b>	<b>Speakers</b>	<b>Title</b>
<b>02:30pm - 03:20pm</b>	Plenary Talk (2) by Kausik Chakraborty	Small molecules in cells and their role in protein evolution.
<b>03:20pm - 03:50pm</b>	Faculty Talk by Vimlesh Kumar	Signalling Mechanisms Underlying Morphological Plasticity at the Synapses.
<b>03:50pm – 04:10pm</b>	Amit Kumar Verma	Functional conservation of Hsp40/70 chaperone machinery in <i>Arabidopsis</i> cytosol.
<b>04:00pm-04:30pm</b>	<b>Tea Break</b>	
<b>04:30pm onwards</b>	<b>Poster session</b>	
<b>07:00pm onwards</b>	<b>Dinner in LHC Canteen and lawn</b>	

\*\* Buses will leave at 08:30 and 09:00pm \*\*

# Annual Biology Meet - 2016

## Programme Summary

<b>Sunday 10<sup>th</sup> January 2016 (DAY II)</b>		
<b>Time</b>	<b>Programme details</b>	
<i>Session IV and V will be chaired by Sourav Datta</i>		
<b>Session-IV</b>	<b>Speakers</b>	<b>Title</b>
<b>10:00am - 10:50am</b>	Plenary Talk (3) by Imran Siddiqi	Control of Meiotic Gene Expression in Plants.
<b>10:50am - 11:10am</b>	Souvika Bakshi	Molecular Dialogue Between Plant and Growth Promoting Fungus <i>Trichoderma</i> : Role of Strigolactones.
<b>11:10am-11:40am</b>	<b>Tea Break</b>	
<b>Session-V</b>	<b>Speakers</b>	<b>Title</b>
<b>11:40am - 12:10pm</b>	Faculty Talk by Vinita Gowda	When together, it helps to be different: Ecological variations among sympatric Spiderworts (Commelinaceae) in the Kas plateau, Maharashtra.
<b>12:10pm – 12:50pm</b>	1) Smriti Singh 2) Ashok Kumar Sharma	1) Understanding the Role of Intragenic DNA Methylation in the Regulation of Alternative pre-mRNA Splicing in Breast Cancer. 2) Prediction of peptidoglycan hydrolases- a new class of antibacterial proteins.
<b>12:50pm-02:10pm</b>	<b>Lunch (Student-Invited speaker interaction)</b>	
<i>Session VI and VII will be chaired by Vikas Jain</i>		
<b>Session-VI</b>		
<b>02:10pm - 03:00pm</b>	Plenary Talk (4) by Maithreyi Narasimha	Emergent polarization of cells and cytoskeletal networks induced by physical and chemical cues underlies multicellular sensing and spatial patterning in a <i>Drosophila</i> epithelium.
<b>03:00pm - 03:30pm</b>	Faculty Talk by Varun Chaudhary	Mechanisms of Wnt/Wg gradient signaling in <i>Drosophila</i> .
<b>03:30pm-04:00pm</b>	<b>Tea Break</b>	
<b>Session-VII</b>	<b>Speakers</b>	<b>Title</b>
<b>04:00pm - 04:40pm</b>	1) Puja Kumari 2) Bhagban Mallik	1) HCMV: An Uninvited Guest or A Patron. 2) Genetics and cell biology of synaptic plasticity mediated by <i>dICA69</i> , an N-BAR protein in <i>Drosophila melanogaster</i> .
<b>04:40pm-05:10pm</b>	<b>Prize distributions (Prizes for best posters and Oral presentation) Concluding remarks and vote of thanks (Vimlesh Kumar)</b>	
<b>05:10pm-05:30pm</b>	<b>Vote of Thanks</b>	
<b>05:30pm onwards</b>	<b>High Tea and Departure</b>	

\*\* Buses will leave at 06:15 and 06:45pm \*\*

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