

Schedule for 13th Oct 2017

Time	Schedule		
8:30-9:30	Registration		
9:30-9:45	Welcome address by Dr. Malali Gowda/ Dr. Balakrishna Pisupati		
9:45-10:00	Inauguration by Delegates		
Time	Speakers	Research theme	Title of the talk
10:10-10:30	Dr. Balakrishna Pisupati	Policy and regulations	Emerging Paradigm in policy regulation in genomics
10:30-11:00	Dr. Mitali Mukerji	Human/Ayurveda	Ayurgenomics for an integrative approach towards precision medicine
11:00-11:15	High tea		
11:15-11:35	Dr. Sanjay Ghosh	Technology/Human	Knockdown of long non-coding RNAs by CRISPR interference
11:35-11:55	Dr. K Thangaraj	Human population	Burden of recessive diseases in South Asia: population and genomic perspectives
11:55-12:15	Dr. K.P. Ramesha	Animals	Whey proteome variation at different stages of lactation in MalandGidda (Bosindicus) - dwarf cattle of Western Ghats, India
12:15-12:35	Dr. UpendraNongthomba	Insect/Fish	Functional genomics using small non mammalian model organisms, Danio and Drosophila
12:35-12:55	Dr. Arun Kumar K.P	Insect	Molecular basis of polyphagy and insecticide resistance in agriculture pests
12:55-1:15	Dr. Keshava Prasad	Technology/Plant	Functional proteometabolomics approaches to discover biomolecular networks
1:15-2:00	Lunch		
2:00-2:20	Dr. Sheshshayee M.S	Plants	Stable isotopes as powerful surrogates for phenotyping drought adaptive traits: Case study of developing Rice cultivar for semi-irrigated aerobic cultivation
2:20-2:50	Dr. Dinesh A. Nagegowda	Plants	Genomics-based exploration of specialized metabolism in medicinal and aromatic plants
2:50-3:10	Dr. Lekha Pazhamala	Plants	Next generation sequencing based transcriptomic studies for pigeonpea improvement
3:10-3:30	Dr. Srikrishna Subramanian	Technology/ Microbiome	The long and the short of microbial genomics and metagenomics
3:30-3:50	Dr. Malali Gowda	Microbiome	Cultureomics of microbiome identified limonoids from neem endophytes
3:50-4:10	Dr. Reety Arora	Microbiome	Merkel cell polyomavirus – a functional genomics success story
4:10-5:00	Tea Break and Plenary Discussions		

Schedule for 14th Oct 2017		
Time	Speakers	Title of the talk
8:00-8:30	Breakfast	
	Talks	
8:30-9:00	Dr Malali Gowda, TDU	Introduction to Next Generation Sequencing (NGS) and Bioinformatics
9:00-9:15	Dr Abhishek Singh, Premas/Illumina	Next Generation Sequencing: Pushing The Envelope.
9:15-9:30	Ms Roopalakshmi, Bengaluru Genomics Centre	"HLA - High resolution typing, allele calling and registry affiliation"
9:30-9:45	Mr Avid Hussain, Senior Scientist, Agilent technologies	Agilent Technologies: One stop solution for Genomics Research
9:45-10:00	Dr. Sreejayan Nambiar, ThermoFisher	Ion Torrent: Semiconductor based Next Generation Sequencing technology-Introduction and Applications
10:10-10:15	Tea break	
	Demo on sequencing	
10:15-11:00	Dr Abhishek Singh, Premas/Illumina	Demo 1- ILLUMINA
11:00-11:45	Mr Vinay, Bengaluru Genomics Centre	Demo 2- NANOPORE
11:45-12:30	Mr Avid Hussain, Senior Scientist, Agilent technologies	Demo 3- AGILENT
	Bioinformatics analysis	
12:30-1:00	Dr Vivek Shanbhag TDU	Using UBUNTU for Bioinformatic analysis: An Introduction
1:00-1:30	Lunch	
1:30-2:30	Mr Shivaram K R, Curl Analytics	Gene Mapping by sequencing analysis
2:30-4:00	Mr. Ananth, The Institute of Rubberwood and Dr Mahesh H B	Whole Genome Sequence Data Analysis
4:00	Valedictory	