

Sl. No.	Biotalk Title	Speaker	Date
1	Functional analysis of DYRK1A, and its implications in Down Syndrome and DYRK1A Syndrome	Prof. Man Mohan from Shanghai Jiao Tong University	17 July, 2019
2	Fine-tuning of an evolutionarily conserved chromatin remodeling factor, FACT, in orchestrating transcription elongation and coupled DNA repair	Dr. Sukesh Bhaumik, Department of Biochemistry and Molecular Biology, Southern Illinois University School of Medicine	24 June, 2019
3	My journey from extra nuclear DNA to non-coding RNA and Ayurvedic Biology	Prof. S. C. Lakhota. Distinguished Professor at BHU and SERB Distinguished Fellow in the Department of Zoology, Banaras Hindu University, Varanasi.	12 June, 2019
4	How cells make a cut: Molecular control of cell division.	Dr. Mithilesh, TIFR, Mumbai.	15 May, 2019
5	A flightless fly: what do we learn about neuronal calcium homeostasis?	Dr. Sumita Chakraborty. Post Doc in InStem Bangalore	22 April, 2019
6	Distinct RNA elements repurpose LIN41 mediated RNA regulation during cell fate decisions.	Dr. Pooja Kumari, Section of Biochemistry and Molecular Biology Department of Biology University of Oslo, Norway 0371	13 march, 2019
7	Why is oxygen the elixir of life? How does cyanide kill so quickly?" Criticism of standing textbook ideas on cellular respiration and explanations by murburn concept, a new paradigm in biochemistry.	Kelath Murali Manoj, Postdoc, CNRS, UIUC	11 March, 2019
8	Quantitative Protein Mass Spectrometry: A systems Biological Approach for the Discovery and Validation of Potential Therapeutic Targets and Biomarkers for Human Diseases	Dr. Arnab Datta, Senior Post-doctoral Fellow, Epithelial Systems Biology, National Heart, Lung and Blood institute, NIH USA	06 Feb, 2019
9	Drug Delivery Technologies for Combatting and Preventing Infectious Diseases	Prof Claus-Michael Lehr, Helmholtz-Institute for Pharmaceutical Research Saarland, HZI, Braunschweig	05 Feb, 2019

10	<i>FCS Express: An Introduction to Flow Cytometry Data</i>	Dr. Hemant Agrawal (Application support consultant-FCS Express Software, DENOVO software, USA and Director, Flowcytometry solutions Pvt. Ltd)	29 Jan, 2019
11	Making sense of chaos in membrane proteins	Dr. Rashmi Panigrahi	19 Dec, 2018
12	SWRIC: A nucleosome editing machine	Dr. Raushan Singh, University of Massachusetts Medical School, USA	16 Nov, 2018
13	Natural Products: Preclinical and Clinical Applications of Untapped sources for Human Health Welfare	Dr. Farid Badria, University of Mississippi, USA	15 Nov, 2018
14	ERADICATION OF CHEMORESISTANT METASTATIC CANCER STEM CELLS MEDIATED BY NANOSURGERY	Prof. John N. Giannios, President of the World Genomic Translational Medicine Organization	13 Nov, 2018
15	Understanding the immune dynamics in inflammation and cancer	Dr. Ajay Dixit, University of Minnesota	5 Oct, 2018
16	Stability of Multi Layered Vehicular & Clop Flow	Prof Sreenivasan, distinguished professor at Central Institute of Technology Kokrajhar	25 Sep, 2018
17	Gene editing strategies to decipher Drosophila development and functional models of human ciliopathies	Dr. Priyanka Upadhyai, Dept. of Medical Genetics, Kasturba Medical College, Karnataka	12 June, 2018
18	Impacting discovery and development of novel therapeutics with NMR Spectroscopy	Dr. Subhabrata Majumder, Biotherapeutics Research and Development Division, Pfizer Inc, Chesterfield, Missouri, USA	25 April, 2018
19	Systems Engineering Perspective of Human Metabolism through a Multiscale Model for Disease Analysis : A Cell to Human Framework	Prof. K. V. Venkatesh, Dept. Chemical Engineering, IIT Bombay	9 March, 2018

20	A newly designed closed, stirrer tank photobioreactor system for producing mass densities of dinoflagellate and other selected microalgae	Mr.Thakur Pada Kundu, Area Sales Manager, Guwahati region, IKA India Private Limited	7 March, 2018
21	Nanoparticle- Antibody Conjugates as High Sensitive Reagents for Mass Cytometry	Dr. Jothir Pichaandi, University of Toronto and Fluidigm, Canada	14 Feb, 2018
22	Investigating the nexus between DNA repair pathways and genomic instability in cancer	Dr. Sonali Bhattacharjee, Cold Spring Harbor Laboratory, NY, USA	25 Jan, 2018
23	Understanding protein function via structure, dynamics and interactions: Cono-peptides to Non-Ribosomal Peptide Synthetases	Dr. Aswani K Kancharla, John Hopkins University School of Medicine, USA	23 Jan, 2019
24	Microdroplet technologies for single cell and single molecule analysis	Dr. Rahul Roy, IISc Bangalore	18 Dec, 2017
25	Plant-based polyphenols coatings for surface functionalisation	Dr. Ana M. L. Sousa, University of Strathclyde, UK	18 Dec, 2017
26	The Globular-Disordered Interface in Proteins: Addressing Molecular Evolution from Protein Design	Dr. Sankar Basu, University of Delhi	8 Dec, 2017
27	Signal Integration in Biological Systems: Combining Computational and Experimental Approaches to Decipher the Translation Regulatory Network Controlling p53 Expression in Response to DNA Damage	Dr. Partho Sarothi Ray, Department of Biological Sciences, Indian Institute of Science Education and Research (IISER), Kolkata	28 Nov, 2017
28	Dogmas about health and disease	Prof. U.N. Das, MD, Bhatnagar Awardee, Fellow of the Royal Society of Chemistry & Founder of UND Life Sciences, USA, Director of Primrose Biosciences, Hyderabad	31 Oct, 2017
29	Ultrasensitive Enzyme-Free Self-Powered Engineered Device Based on Redox Cycling Amplification for Next Generation Point-of-Care Diagnostic Testing.	Dr. Gorachand Dutta, Department of Mechanical Engineering,	13 Sep, 2017

		Michigan State University, USA.	
30	Cell-cell signaling in hydra: Insights into evolutionarily ancient functions of signaling pathways	Dr.Surendra Ghaskadbi, Developmental Biology, MACS-Agharkar Research Institute, Pune	12 July, 2017
31	Basic Introduction to Bio-Molecular SAXS and Things which you CANNOT DO easily at synchrotron BUT AT HOME	Dr. Ashish, Institute of Microbial Technology (IMTECH) Chandigarh	29 June, 2017
32	Ubiquitination in the regulation of inflammation and cancer	Dr.Venuprasad K. Poojary, Baylor Institute for Immunology Research, Charles A. Sammons Cancer Center,Dallas, TX.	15 June, 2017
33	High-resolution optofluidic platforms for three-dimensional imaging of C. elegans	Dr.Sudip Mondal, University of Texas	18 May, 2017
34	Digital Droplet PCR and Cell Analyzer from Bio-Rad	Dr. Prashant Khadke, Product Manager, Genomics, Bio-Rad Laboratories	28 April, 2017
35	High Content Screening (HCS) Platforms	Dr. Sangeeta Thatai, Product Specialist Lead, Biosciences Division of Thermo Fisher Scientific.	6 April, 2017