

FDP on “Computational Genomics: Path to Precision Medicine”

Sl No.	Title of the Talk	Speaker
1)	Artificial Intelligence (AI), Application in Clinical Genomics and Diagnostics	Dr. Saurav Guha, Director, Molecular Diagnostics, New York Genome Center
2)	Investigating the genomics and epigenomics landscape in pediatric population using novel genomic techniques.	Dr. Surajit Bhattacharya, Staff Scientist, Children's National Hospital, Washington, D.C., USA
3)	AI methods applied to DNA-shape based analysis of genomes	Prof. (Dr.) Shandar Ahmad, DBT Coordinator, JNU, New Delhi
4)	Meta genomics and human health	Dr. Anirban Dutta, Principal Scientist, Life Sciences R&D, TCS-Research, Pune
5)	Pharmaco-Genomics and the AI-powered Future for Personalized Treatment	Dr. Arindam Halder, Principal Scientist, Life Sciences R&D, TCS-Research
6)	Harnessing the power of OMICS in public health	Dr. Suman Paine, Chief Scientific Officer, PDxRL, Kolkata
7)	Emerging Landscapes of NGS based Molecular Diagnostics	Dr. Sameer Phalke, Director, Director Laboratory Sciences, Strand Life Sciences, Bangalore
8)	Cancer Genomics: Analyzing the Role of Genetic Variations in Tumorigenesis	Prof. (Dr.) Nita Parekh, Associate Professor, Center for Computational Natural Sciences and Bioinformatics, IIIT, Hyderabad
9)	"Integrative bioinformatics for understanding variation in human cardiorespiratory fitness"	Dr. Sujoy Ghosh, Professor and Director, Bioinformatics and Computational Biology Pennington Biomedical Research Center, USA

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10)	“Precision Medicine in India: How far have we achieved?”	Dr. Maitreyee Bhattacharya Professor and Director, Institute of Hematology and Transfusion Medicine, Medical College, Kolkata
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