|  |  |  |  |
| --- | --- | --- | --- |
| **Days** | **Session (PM)** | **Title of the Talk** | **Speaker** |
| Day 1  24.03.2025 | Welcome Address | | |
| Session 1-  7.30-8.30 | Precision Medicine in India- How far we achieved. | Dr. Maitreyee Bhattyacharya,  Professor and Director, Institute of Hematology and Transfusion Medicine, Medical College, Kolkata |
| Session 2-  8.30-10.00 | Artificial Intelligence (AI), Application in Clinical Genomics and Diagnostics | Dr. Saurav Guha,  Director, Molecular Diagnostics,  New York Genome Center |
| Day 2  25.03.2025 | Session 1-  7.00-8.30 | 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 |
| Session 2-  8.30-10.00 | AI methods applied to DNA-shape based analysis of genomes | Dr. Shandar Ahmad,  Professor JNU, DBT Coordinator |
| Day 3  26.03.2025 | Session 1-  7.00-8.30 | Pharmaco-Genomics and the AI-powered Future for Personalized Treatment | Mr. Arindam Halder,  Principal Scientist, in Life Sciences R&D,  TCS-Research |
| Session 2-  8.30-10.00 | Emerging Landscapes of NGS based Molecular Diagnostics | Dr. Sameer Phalke, Director, Director  Laboratory Sciences, Strand Life Sciences, Bangalore |
| Day 4  27.03.2025 | Session 1-  7.00-8.30 | Meta genomics and human health | Dr. Anirban Dutta,  Principal Scientist,  in Life Sciences R&D, TCS-Research, Pune |
| Session 2  8.30-10.00 | Harnessing the power of OMICS in public health | Dr. Suman Paine, Chief Scientific Officer, PDxRL |
| Day 5  28.03.2025 | Session 1-  7.00-8.30 | Cancer Genomics: Analyzing the Role of Genetic Variations in Tumorigenesis | Dr. Nita Parekh, Associate Professor, Center for Computational Natural Sciences and Bioinformatics, IIIT, Hyderabad |
| Session 2-  8.30-10.00 | Integrative bioinformatics for understanding variation in human cardiorespiratory fitness | Dr. Sujoy Ghosh, Professor and Director, Bioinformatics and Computational Biology Pennington Biomedical Research Center, United States |