

Workshop on Analysis of Next-Generation Sequencing Datasets from Bulk, Single-Cell, and Spatial Transcriptomics

07th - 09th Aug, 2024



**DBT Funded BTISNET
Centre at ICGEB, New Delhi**

Coordinator

Dr. Dinesh Gupta

Translational Bioinformatics Group



About the Workshop

The workshop aims to teach participants the essentials of Next-Generation Sequencing (NGS) data analysis from various platforms. The workshop will include lectures and extensive related hand-on training.

Topics to be covered

- Overview of NGS and its applications in transcriptomics, single-cell RNA-seq (scRNA-seq) and spatial transcriptomics.
- Hands-on session: Preprocessing, normalization, analysis, and visualization of bulk RNA-seq data, scRNA-seq data, and spatial transcriptomics data.
- Lectures by experts from academia and industry in the field.
- Research Presentations.

Participants

- Limited to 30 seats.
- Preference will be given to students/young researchers with basic knowledge of Linux and NGS.
- Last Date of Registration: 10 July, 2024.

Registration

- No registration fee
- Participants will have to cover their own travel and accommodation
- A limited number of accommodations on a payment and twin-sharing basis may be available at the ICGEB Guest House.
- **Application Link:** <https://tinyurl.com/icgeb-wksp24>



Venue

DBT Bioinformatics & Computational Biology Centre for High Throughput Data Analysis
ICGEB, Aruna Asaf Ali Marg, New Delhi

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