



WORKSHOP

On

Basic and Advance

Next Generation Sequencing (NGS) data analysis

on 24th July, 2020, at DBT Apex BTIC, ICGEB, New Delhi - 110067



One day workshop on “Basic and Advance Next Generation Sequencing (NGS) Data Analysis” includes lectures and demo/hands-on sessions on next generation sequencing applications, whole genome assembly, differential expression analysis, variant identification, annotation and visualization.

Timings

Talk Title

Speakers

9.30 – 9.45 AM

Introduction to the webinars.

Dr. Dinesh Gupta,
Group Leader,
Translational Bioinformatics Group,
ICGEB, New Delhi, India.

10.00 – 11.00 AM

Principles of Next Generation Sequencing and its applications.

Dr. Vipin Singh,
Associate Professor,
Coordinator -Corporate Resource Centre,
University Institute of Biotechnology,
Chandigarh University, Mohali, India.

11.00 – 12.00 PM

Whole Genome Assembly and annotations with Next Generation Sequencing datasets.

Dr. Shailesh Kumar,
Staff Scientist III,
Bioinformatics Laboratory #202,
NIPGR, New Delhi, India.

12:00 – 01:00 PM

Application of Next Generation Sequencing Data towards Treatment Pathways of Priority Pathogens.

Dr. Anshu Bhardwaj,
Long Term Fellow, CRI,
Paris, France & Senior Scientist,
CSIR-IMTECH, Chandigarh, India.

Illustrative Examples of NGS Data Analysis

2:15 – 3:15 PM

Analysis of raw sequence and differential expression analysis.

Miss. Shikha Roy,
Senior Research Fellow,
Translational Bioinformatics Group,
ICGEB, New Delhi, India.

3:15 – 4:15 PM

Variant identification, annotation and its visualization.

Mrs. Rahilla Sardar,
Senior Research Fellow,
Translational Bioinformatics Group,
ICGEB, New Delhi, India.

Organizers

Chairman

Dr. Dinakar M. Salunke,

Director,

ICGEB, New Delhi-110067

Coordinator

Dr. Dinesh Gupta,

Group Leader,

Translational Bioinformatics Group,

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For any query email at
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