

25TH FEB 2023
9.30AM TO 3.30PM

VIRTUAL



Trainer:
Dr. Jamshaid Ali,
Deputy General Manager

INTRODUCTION TO MICROBIOME/ METAGENOME DATA ANALYSIS ONE DAY WORKSHOP

BIOINFORMATICS FACILITY

C-2, Akkulam Campus
Rajiv Gandhi Centre for Biotechnology (RGCB)

1 INTRODUCTION TO METAGENOMICS

What is Next Generation Sequencing (NGS)?
What is Metagenomics?
16S Metagenomics
Whole genome shotgun metagenomics

2 INTRODUCTION TO MICROBIOME/METAGENOME ANALYSIS

What is Microbiome?
Metagenomic insights of human gut microbiome
Important softwares and tools for metagenome
and microbiome analysis
Basic introduction to QIIME for microbiome analysis

3 HANDS ON SESSION

Installation of QIIME
Hand on session for small data sets for
metagenome/microbiome analysis
using MG-RAST and/or QIIME

SCHEDULE

09:30 am

Introduction to RGCB

09:40 am - 10:45 am

Introduction to Metagenomics

11:00 am - 01:30 pm

Introduction to Microbiome/
Metagenome analysis

01.30 PM - 02:30 PM

LUNCH BREAK

02:30 pm - 03:30 pm

Hands - on Training

FEES

750 INR for Students and Academicians

2500 INR for Non-Academics

100 \$ for Foreign Participants

Contact Details

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scan to register:

