



DNA SEQUENCING

A HANDS-ON TRAINING WORKSHOP

Jointly organized by

Centre for Applied Molecular Biology (CAMB) and
Centre of Excellence in Molecular Biology (CEMB)
University of the Punjab, Lahore.

5 Days Hands-On
Training Workshop

18th-22nd
December
2023

Genetic Analyzers

Hands-On training for calibration, maintenance, and troubleshooting of Genetic Analyzers

DNA Sequencing

DNA Sequencing reaction training, Troubleshooting and Mutational analysis

Mini-Sequencing (SNaPshot™)

SNaPshot/MiniSeq reaction training, Troubleshooting and Genomic Variants analysis

16S Sequencing

Phylogenetic analysis for microbial characterization

PLINK Analysis

Genomic association studies

Next Generation Sequencing

Insight of sample preparation and data analysis

AIMS & OBJECTIVES:

- To provide the participants with fundamental understanding of DNA sequencing techniques in designing genomic research projects.
- Expert scale hands-on training of participants regarding the calibrations, maintenance and troubleshooting of Genetic Analyzers (CE).
- Hands-On training of participants regarding the expert scale skills necessary for DNA Sequencing, SNaPshot™ (Mini-Sequencing), 16S Sequencing.
- Hands-on training in analyzing Genomic data for association studies.
- An informative session by the experts on Next Generation Sequencing; sample preparation to data analysis.

REGISTRATION AND PAYMENT:

- To register please fill and submit the online form by clicking here [CLICK HERE](#)
- Or <https://forms.gle/76uJu7HbBxeMPXHR8> Or through scanning QR code.
- Seats are limited, so please register as soon as possible to secure your spot.
- Deadline for registration 08-December-2023**
- Participation charges PKR 25000 for faculty, PKR 20000 for Students (excluding accommodation).
- Accommodation:** If you need accommodation, please contact with Mr. Muhammad Ejaz Malik (+923013091327); For further details please [CLICK HERE](#)

Note: Kindly deposit the fee in the following account, and upload the receipt to the form.

Bank Name	Allied Bank
Account title	CEMB Agriculture Research and Development
Account number	08100010000021190898
Branch address	Canal View Housing Society, Lahore



Patron in chief
Prof. Dr. Khalid Mahmood
Vice Chancellor
University of the Punjab, Lahore



Patron
Prof. Dr. Rehan Sadiq Shaikh
Director CAMB
University of the Punjab, Lahore



Patron
Prof. Dr. Moazur Rahman
Director CEMB
University of the Punjab, Lahore



Chief Organizer
Dr. M. Farooq Sabar
DNA Core Facility, CAMB

Focal Person CAMB
Dr. Farheena Iqbal Awan

Focal Person CEMB
Dr. Mariam Shahid

Coordinator CAMB
Dr. M. Usman Ghani

Coordinator CEMB
Dr. Aneela Yasmeen

Conference
Secretariat

- creativeclub@camb.edu.pk
- events@cemb.edu.pk
- +92-345-6364366



DNA Core Facility, CAMB, University of the Punjab, 87-west canal bank road, Thokar Niazbaig, Lahore