

DIVE INTO THE WORLD OF BIOINFORMATICS

Learn to Analyze and Interpret Metagenomic Data Like a Pro.



16S rRNA AMPLICON SEQUENCING BIOINFORMATICS LEARNING PROGRAM

COURSE OVERVIEW

- **Introduction of Metagenomic Sequencing**

Participants will learn about 16S rRNA Amplicon Sequencing that is powerful and versatile molecular biology technique that has revolutionized to explore and understand the diverse microbial communities inhabiting various ecosystems.

- **Overview of 16S rRNA Marker Gene**

Participants will learn about 16S rRNA gene sequencing that is used as a marker to identify bacteria at the species level for differentiating closely related bacterial species.

- **Sample Quality Control (QC)**

To ensure that the amplification results using the PCR method are suitable for use in the sequencing process, quality control of the PCR amplification results needs to be carried out. In this program, participants will learn how to carry out quality control on samples.

- **Metagenomic Bioinformatics Analysis**

After the sequencing process is complete, the resulting sequencing data cannot be used directly, data processing needs to be carried out. In this course, participants will learn how to interpret sequencing data results.

- **Study Case**

In this program, participants will be given an case study examples related to process and read sequencing results.

Audience:

Research Scientists and Academics:
Researchers in microbiology, environmental science, ecology, and related fields who aim to investigate microbial communities and their diversity.

Anyone Curious About Microbiome Research:
Enthusiasts and individuals from diverse backgrounds who are interested in delving into the fascinating world of microbiome research.

REGISTER NOW
Rp. 980.000

What Will You Get:
Lunch Break, Certificate & Module

FOR FUTHER INFORMATION

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