Workshop on Fundamentals of Bioinformatics

In this workshop you will learn the basic concepts and principles of bioinformatics and its related software.

In this workshop you will learn:
- Genome and genomics analysis
- Protein & proteomics analysis
- Gene ontology investigation
- Functional enrichment analysis
- Enrichment transcriptome analysis
- Primer design for PCR techniques
- Protein interaction analysis
- Disease data analysis and phenotype investigation
- Protein data analysis, such as protein structure and function
- Deep data analysis on protein-protein analysis
- Genomics data analysis
- Basics of system biology

This workshop is suitable for graduates and students of all academic levels in biology, paramedical, and medical fields.