

# **Datasets in Computational Biology**

## **Overview of Popular Datasets**

Examples include GenBank, TCGA (The Cancer Genome Atlas), and PDB (Protein Data Bank).

## **Data Collection Methods and Challenges**

Challenges include heterogeneity of data formats, large volumes, and data curation needs.

## **Comparative Analysis of Datasets**

PDB is rich in 3D structural data, while TCGA focuses on cancer-related genomic information.