

Biomics Summer Internships

Join Biomics summer internships to explore multi-omics technologies like genomics, transcriptomics, proteomics, and metabolomics, focusing on applications in healthcare, agriculture, and environmental studies.

Focussed Areas under Biomics Summer Internship

1. Genomics analysis using next-generation sequencing
2. Transcriptomics for gene expression profiling
3. Proteomics for protein analysis in agricultural systems
4. Metabolomics for studying metabolic pathways
5. Multi-omics data integration and analysis
6. Epigenomics and its role in gene regulation
7. Functional genomics for plant stress tolerance
8. Proteomic biomarkers for disease detection
9. Metabolomic profiling in environmental systems
10. Bioinformatics tools for multi-omics analysis
11. Omics-based approaches in personalized medicine
12. Metagenomics for microbial community analysis
13. Systems biology for understanding complex traits
14. Application of omics technologies in food science
15. Omics-based approaches for drug development
16. Phenomics for linking genotype to phenotype
17. Omics technologies in cancer research
18. Synthetic biology using multi-omics data
19. Statistical methods for omics data analysis
20. Multi-omics in environmental sustainability studies

Protocols Covered across various focussed areas under Biomics Summer Internship

1. Next-generation sequencing for genomics
2. RNA-Seq for transcriptomics analysis
3. Mass spectrometry for proteomics data acquisition
4. Metabolite extraction for metabolomics analysis
5. Epigenomic profiling using methylation analysis
6. Multi-omics data integration workflows
7. Proteomic biomarker discovery assays

8. Metagenomics for microbial diversity analysis
9. Bioinformatics pipelines for multi-omics data
10. Phenomics data acquisition for phenotype analysis

Duration: 5, 10, 15, 20, and 30 Days

Note: Please cross confirm whether internship slots for this field are available before joining.

[Click Here for Biomics Summer Internship Fees](#)

Application Process and Other info