

Exomics Summer Internships

Join Exomics summer internships to explore the study of exomes, focusing on the role of exonic regions in gene expression, disease research, and the development of personalized medicine through targeted genetic analysis.

Focussed Areas under Exomics Summer Internship

1. Exome sequencing and its applications
2. Gene expression in exonic regions
3. Exome analysis for genetic disorders
4. Exonic mutations in cancer genomics
5. Applications of exome sequencing in personalized medicine
6. Bioinformatics tools for exome data analysis
7. Exome-targeted therapies and drug development
8. Role of exomes in hereditary diseases
9. Gene editing technologies focusing on exomes
10. Exome studies in pharmacogenomics
11. Exome data integration in multi-omics approaches
12. Population genetics and exome diversity
13. Functional annotation of exomic regions
14. Exome-wide association studies (EWAS)
15. Exome sequencing in rare disease diagnosis
16. Somatic mutations in exomes and cancer research
17. Exome studies in neurodevelopmental disorders
18. Epigenetic regulation of exomes
19. Exome-based predictive models in disease prognosis
20. Emerging technologies in exome sequencing

Protocols Covered across various focussed areas under Exomics Summer Internship

1. Exome sequencing protocols for genetic disorders
2. Bioinformatics analysis pipelines for exome data
3. Functional annotation of exomic regions
4. Exome-wide association study (EWAS) workflows
5. Exonic mutation analysis in cancer research
6. Pharmacogenomic exome analysis methods
7. Exome sequencing for rare disease identification

8. Population genetics protocols using exome data
9. Epigenetic analysis of exomic regions
10. Exome-targeted therapy development protocols

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 Exomics Summer Internship Fees](#)

Application Process and Other info