

Metabolomics Summer Internships

Join Metabolomics summer internships to explore the study of small molecules and metabolites in biological systems, focusing on metabolite profiling, bioinformatics analysis, and applications in disease research, drug discovery, and personalized medicine.

Focussed Areas under Metabolomics Summer Internship

1. Metabolite profiling using mass spectrometry and NMR
2. Metabolomics in disease biomarker discovery
3. Bioinformatics tools for metabolomics data analysis
4. Metabolomics in cancer research
5. Metabolomics in personalized medicine
6. Nutritional metabolomics and dietary interventions
7. Environmental metabolomics and its impact on health
8. Metabolomics in metabolic disorders and diabetes
9. Metabolomics in neurodegenerative disease research
10. Lipidomics as a branch of metabolomics
11. Metabolomics in microbiome research
12. Metabolite-targeted drug discovery
13. Applications of metabolomics in toxicology
14. Metabolomics in plant biology and agriculture
15. Metabolite pathways and systems biology
16. Applications of metabolomics in aging research
17. Metabolomics in cardiovascular diseases
18. Metabolomics in inflammation and immune responses
19. High-throughput technologies in metabolomics
20. Data integration and multi-omics approaches in metabolomics

Protocols Covered across various focussed areas under Metabolomics Summer Internship

1. Metabolite extraction and profiling protocols
2. Mass spectrometry workflows for metabolomics
3. NMR spectroscopy techniques in metabolomics
4. Bioinformatics tools for metabolomics data analysis
5. Metabolomics in biomarker discovery protocols
6. Metabolite-targeted drug discovery workflows
7. Nutritional metabolomics study protocols

8. Environmental metabolomics workflows
9. Metabolomics in plant biology experimental techniques
10. Multi-omics data integration in metabolomics research

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 Metabolomics Summer Internship Fees](#)

Application Process and Other info