

Lipidomics Summer Internships

Join Lipidomics summer internships to explore the study of lipids and their roles in cellular processes, focusing on lipid profiling, bioinformatics tools for lipid analysis, and applications in disease research, nutrition, and metabolic engineering.

Focussed Areas under Lipidomics Summer Internship

1. Lipid profiling using mass spectrometry
2. Bioinformatics tools for lipidomics data analysis
3. Lipid metabolism in disease research
4. Lipid-based biomarkers for disease diagnosis
5. Applications of lipidomics in cancer research
6. Lipid metabolism in metabolic diseases
7. Lipidomics in cardiovascular disease research
8. Lipidomics in neurodegenerative diseases
9. Lipidomics in personalized nutrition
10. Lipidomics in drug discovery and development
11. Lipidomics in obesity and diabetes research
12. Lipidomics in inflammation and immune responses
13. High-throughput lipidomics technologies
14. Lipidomics in aging and age-related diseases
15. Functional lipidomics in cellular signaling pathways
16. Lipidomics for studying cell membrane composition
17. Lipid metabolism in microbial systems
18. Lipidomics in marine organisms
19. Metabolic engineering using lipidomics
20. Lipidomics in the study of fatty acids and lipoproteins

Protocols Covered across various focussed areas under Lipidomics Summer Internship

1. Lipid extraction and profiling protocols
2. Mass spectrometry workflows for lipid analysis
3. Lipidomics data analysis using bioinformatics tools
4. Lipid-based biomarker discovery protocols
5. High-throughput lipidomics technologies for disease research
6. Lipidomics for studying cell membrane composition
7. Functional lipidomics analysis in cellular signaling

8. Lipid metabolism profiling in disease research
9. Metabolic engineering using lipidomics workflows
10. Lipidomics in marine organism 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 Lipidomics Summer Internship Fees](#)

Application Process and Other info