

Applied Metabolomics Summer Internships

Join Applied Metabolomics summer internships to explore metabolic pathways, using advanced techniques such as mass spectrometry and NMR for understanding plant and animal metabolism under summer conditions.

Focussed Areas under Applied Metabolomics Summer Internship

1. Metabolomic profiling of summer crops
2. Mass spectrometry in plant metabolomics
3. Metabolite identification in heat-stressed plants
4. NMR-based metabolomics in agriculture
5. Metabolic pathways in summer crop growth
6. Drought stress and metabolic changes
7. Metabolomics for crop quality improvement
8. Plant-microbe interactions in metabolomics
9. Soil health indicators through metabolomics
10. Animal metabolomics in summer conditions
11. Environmental metabolomics in agriculture
12. Nutrient cycling and metabolite analysis
13. Bioinformatics in metabolomic data analysis
14. Functional metabolomics in agricultural ecosystems
15. Metabolite fingerprinting in summer crops
16. Stress response in plants through metabolomics
17. Metabolic adaptations to heat stress
18. Metabolomics for yield improvement
19. Microbial metabolomics in soil health
20. Technological advances in agricultural metabolomics

Protocols Covered across various focussed areas under Applied Metabolomics Summer Internship

1. Sample preparation for metabolomics
2. Mass spectrometry for metabolite detection
3. NMR-based metabolite identification
4. Data analysis in plant metabolomics
5. Heat stress metabolomic profiling
6. Bioinformatics pipelines for metabolomics

7. GC-MS for metabolic fingerprinting
8. Liquid chromatography in metabolomics
9. Metabolite extraction from plant tissues
10. Quantitative metabolomics in crops

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 Applied Metabolomics Summer Internship Fees](#)

Application Process and Other info