Applied Proteomics Summer Internships

Join Applied Proteomics summer internships to study the structure, function, and interactions of proteins in agricultural and environmental systems using mass spectrometry and bioinformatics tools.

Focussed Areas under Applied Proteomics Summer Internship

1. Proteomic analysis of heat-stressed plants
2. Mass spectrometry for protein identification
3. Protein-protein interactions in summer crops
4. Functional proteomics in environmental systems
5. Protein folding under heat stress
6. Bioinformatics tools for proteomics
7. Quantitative proteomics in agriculture
8. Protein biomarkers for plant stress
9. Post-translational modifications in summer crops
10. Proteomic technologies in drought-resistant plants
11. Proteome mapping in agricultural systems
12. Proteomics in plant-microbe interactions
13. Mass spectrometry in environmental proteomics
14. Proteomic adaptations to heat stress
15. High-throughput proteomics in agriculture
16. Proteomic fingerprinting of summer plants
17. Biomarker discovery in heat-tolerant crops
18. Proteomics for yield improvement in crops
19. Protein networks in heat-stressed organisms
20. Proteomics in microbial ecosystems

Protocols Covered across various focussed areas under Applied Proteomics Summer Internship

1. Protein extraction from heat-stressed plants
2. Mass spectrometry-based protein identification
3. Bioinformatics analysis of proteomic data
4. Quantitative proteomics using mass spectrometry
5. Proteomic biomarker discovery in plants
6. Protein-protein interaction assays

7. Post-translational modification detection
8. Sample preparation for proteomic analysis
9. High-throughput proteomics data analysis
10. Proteome mapping 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 Applied Proteomics Summer Internship Fees

Application Process and Other info