Enzymology Summer Internships

Join Enzymology summer internships to explore the study of enzymes, focusing on enzyme kinetics, mechanisms, and applications in biotechnology, pharmaceuticals, and industrial processes.

Focussed Areas under Enzymology Summer Internship

1. Enzyme kinetics and reaction mechanisms
2. Enzyme structure-function relationships
3. Applications of enzymes in biotechnology
4. Industrial enzyme production and optimization
5. Enzymes in pharmaceutical development
6. Biocatalysis and green chemistry
7. Enzyme engineering and directed evolution
8. Enzyme inhibitors and drug design
9. Metabolic pathways and enzyme regulation
10. Proteomics and enzyme function analysis
11. Enzyme immobilization for industrial use
12. Enzyme assays and activity measurement
13. Enzyme applications in food and agriculture
14. Thermophilic and extremophilic enzymes
15. Enzyme-based biosensors and diagnostics
16. Enzyme applications in bioremediation
17. Enzyme cofactors and coenzymes
18. Enzyme purification and characterization techniques
19. Synthetic biology and enzyme design
20. Applications of enzymes in molecular biology

Protocols Covered across various focussed areas under Enzymology Summer Internship

1. Enzyme kinetics assays and analysis
2. Enzyme purification and characterization protocols
3. Directed evolution for enzyme engineering
4. Enzyme activity measurement techniques
5. Biocatalysis protocols for green chemistry
6. Immobilization of enzymes for industrial applications
7. Enzyme inhibition studies and drug design

8. Metabolic pathway enzyme regulation assays
9. Enzyme-based biosensor development
10. Enzyme application protocols in bioremediation

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 Enzymology Summer Internship Fees

Application Process and Other info