

## **Protein Purification Summer Internships**

Join Protein Purification summer internships to explore techniques for isolating and purifying proteins from biological sources, focusing on chromatography, electrophoresis, affinity tags, and the application of protein purification in biotechnology, medicine, and research.

### **Focussed Areas under Protein Purification Summer Internship**

1. Chromatography techniques in protein purification
2. Affinity purification using tags like His-tag, GST, and MBP
3. Protein extraction and isolation from biological samples
4. Ion exchange, size-exclusion, and hydrophobic interaction chromatography
5. Electrophoresis techniques for protein analysis and purification
6. Protein purification in biotechnology and pharmaceutical industries
7. High-performance liquid chromatography (HPLC) in protein purification
8. Recombinant protein purification strategies
9. Protein refolding during purification processes
10. Purification of membrane proteins
11. Optimizing yield and purity in protein purification
12. Techniques for purifying low-abundance proteins
13. Proteomics applications in protein purification
14. Protein purification for structural biology studies
15. Analytical techniques to assess protein purity and integrity
16. Purification of antibodies for therapeutic applications
17. Protein purification for vaccine development
18. Protein purification from plants, bacteria, and mammalian cells
19. Automation and high-throughput protein purification systems
20. Protein purification for enzyme studies and drug discovery

### **Protocols Covered across various focussed areas under Protein Purification Summer Internship**

1. Affinity chromatography protocols for protein purification
2. Ion exchange chromatography workflows for protein separation
3. Size-exclusion chromatography protocols for purifying proteins
4. Electrophoresis techniques for protein purity analysis
5. Protocols for purifying recombinant proteins
6. Membrane protein purification workflows

7. Techniques for optimizing yield and purity in protein purification
8. Protein refolding protocols during purification
9. HPLC protocols for protein purification and analysis
10. Protocols for antibody purification for therapeutic use

**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 Protein Purification Summer Internship Fees](#)

Application Process and Other info