

Pharmacognosy Summer Internships

Join Pharmacognosy summer internships to explore the study of medicinal plants and natural products, focusing on the identification, extraction, and analysis of bioactive compounds, and the development of natural therapeutics for modern medicine.

Focussed Areas under Pharmacognosy Summer Internship

1. Identification of bioactive compounds in medicinal plants
2. Extraction and isolation techniques for natural products
3. Pharmacological properties of plant-derived compounds
4. Natural product drug discovery and development
5. Traditional medicine and modern pharmacognosy
6. Analytical techniques for natural product analysis
7. Phytochemistry and its role in drug development
8. Antioxidant and anti-inflammatory properties of natural products
9. Natural compounds in cancer therapy
10. Ethnopharmacology and traditional medicinal plants
11. Plant-based antimicrobials and antivirals
12. Herbal medicine in cardiovascular health
13. Pharmacognosy of marine organisms and bioactive molecules
14. Metabolomics in natural product research
15. Applications of chromatography and mass spectrometry in pharmacognosy
16. Pharmacokinetics of plant-based drugs
17. Bioprospecting for new medicinal compounds
18. Sustainable sourcing of natural products
19. Bioinformatics tools in natural product discovery
20. Herbal medicine and personalized healthcare

Protocols Covered across various focussed areas under Pharmacognosy Summer Internship

1. Extraction and isolation protocols for medicinal plants
2. Chromatography and mass spectrometry for natural product analysis
3. Phytochemical screening for bioactive compounds
4. Molecular techniques for plant compound identification
5. Metabolomics workflows for natural product research
6. Pharmacokinetics studies of plant-based drugs
7. Protocols for analyzing antioxidant activity of natural products

8. Ethnopharmacology research techniques
9. Sustainable bioprospecting protocols
10. Bioinformatics pipelines for natural product discovery

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 Pharmacognosy Summer Internship Fees](#)

Application Process and Other info