

White Biotechnology Summer Internships

Join White Biotechnology summer internships to explore industrial biotechnology, focusing on the development of sustainable processes using enzymes, microorganisms, and biocatalysts for the production of biofuels, bioplastics, and other environmentally friendly products.

Focussed Areas under White Biotechnology Summer Internship

1. Enzyme engineering for industrial biotechnology
2. Biocatalysts for sustainable chemical production
3. Microbial fermentation for biofuels and bioplastics
4. Applications of white biotechnology in pharmaceuticals
5. Biotechnological approaches to waste management and recycling
6. Sustainable production of biopolymers and biochemicals
7. Metabolic engineering for enhanced microbial production
8. Bioethanol and biodiesel production using biotechnology
9. White biotechnology in green chemistry applications
10. Use of microorganisms in bioremediation and environmental cleanup
11. Synthetic biology applications in industrial biotechnology
12. Biotechnological solutions for carbon capture and sequestration
13. Industrial enzymes for food processing and biomanufacturing
14. White biotechnology for renewable energy production
15. Biotechnology in agriculture for sustainable crop production
16. Applications of white biotechnology in detergent and textile industries
17. Scaling up biotechnological processes for industrial use
18. Bioinformatics tools for industrial biotechnology research
19. Biotechnological innovations for reducing industrial waste
20. Ethical and regulatory considerations in white biotechnology

Protocols Covered across various focussed areas under White Biotechnology Summer Internship

1. Protocols for enzyme engineering and biocatalysis
2. Fermentation techniques for biofuel production
3. Protocols for microbial production of bioplastics
4. Techniques for metabolic engineering in industrial biotechnology
5. Protocols for scaling up biotechnological processes
6. Bioethanol production workflows using microorganisms

7. Protocols for bioremediation using white biotechnology
8. Synthetic biology applications in industrial biomanufacturing
9. Techniques for carbon capture and sequestration using biotechnology
10. Protocols for biotechnological waste management and recycling

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 White Biotechnology Summer Internship Fees](#)

Application Process and Other info