

Molecular Agrobiology Summer Internships

Join Molecular Agrobiology summer internships to explore the molecular basis of agricultural practices, focusing on plant genetics, molecular breeding, crop improvement, and the development of sustainable agricultural technologies.

Focussed Areas under Molecular Agrobiology Summer Internship

1. Molecular plant breeding and crop improvement
2. Genetic modification for drought and pest resistance
3. Plant molecular genetics and biotechnology
4. Gene expression analysis in crop plants
5. Molecular markers in plant breeding
6. Plant-pathogen interactions and disease resistance
7. CRISPR and gene editing in agriculture
8. Plant metabolic engineering for higher yields
9. Biofortification through genetic engineering
10. Molecular biology of plant stress responses
11. Sustainable agricultural practices using biotechnology
12. Molecular approaches to soil and nutrient management
13. Molecular techniques in plant-microbe interactions
14. Plant genomics and transcriptomics for crop research
15. Molecular biology of seed development and germination
16. Plant molecular biology for biofuel production
17. Transgenic plants for improved crop resilience
18. Molecular diagnostics for plant disease management
19. Molecular strategies for enhancing plant nutrition
20. Gene silencing and RNA interference in crop protection

Protocols Covered across various focussed areas under Molecular Agrobiology Summer Internship

1. CRISPR gene editing protocols for crop plants
2. Gene expression analysis using qPCR in plants
3. Molecular marker-assisted selection techniques
4. Plant genetic transformation protocols
5. Plant-pathogen interaction study workflows
6. Metabolic engineering protocols for crops

7. Biofortification through genetic modification methods
8. Molecular approaches to plant stress response analysis
9. Transcriptomics analysis in crop research
10. Molecular diagnostics for plant disease detection

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 Molecular Agrobiolology Summer Internship Fees](#)

Application Process and Other info