

Allergenomics Summer Internships

Join Allergenomics summer internships to explore the molecular and genetic factors involved in allergen exposure, focusing on plant and environmental allergens prevalent during the summer season.

Focussed Areas under Allergenomics Summer Internship

1. Plant allergens in summer environments
2. Pollen allergen genomics
3. Molecular characterization of environmental allergens
4. Allergenicity of summer crop proteins
5. Environmental triggers for allergic reactions
6. Genetic predisposition to pollen allergies
7. Molecular pathways of allergic responses
8. Gene-environment interactions in summer allergies
9. Bioinformatics for allergen prediction
10. Allergy diagnostics using molecular tools
11. Climate change impact on allergen distribution
12. Pollen dispersion patterns in summer
13. Airborne allergens in high-humidity areas
14. Allergenic protein detection in food crops
15. Allergy testing techniques for summer allergens
16. Molecular mechanisms of allergic asthma
17. Food allergen genomics in summer crops
18. Immune response modulation in summer allergies
19. Bioinformatics databases for allergenomics
20. Plant breeding for low allergenicity

Protocols Covered across various focussed areas under Allergenomics Summer Internship

1. Pollen collection and identification
2. Molecular characterization of allergens
3. PCR-based allergen detection
4. Protein extraction from allergenic plants
5. Quantification of airborne allergens
6. Bioinformatics analysis for allergen prediction
7. ELISA for allergen detection

8. Allergenicity testing protocols
9. Gene-environment interaction analysis
10. Pollen dispersion modeling

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 Allergenomics Summer Internship Fees](#)

Application Process and Other info