

## **Immunopathology Summer Internships**

Join Immunopathology summer internships to explore the mechanisms of immune system-related diseases, focusing on autoimmune disorders, hypersensitivity reactions, tumor immunology, and the study of immune-mediated tissue damage in various diseases.

### **Focussed Areas under Immunopathology Summer Internship**

1. Mechanisms of autoimmune diseases
2. Hypersensitivity reactions and immune responses
3. Tumor immunology and immune evasion in cancer
4. Immunopathology of infectious diseases
5. Immune-mediated tissue damage in chronic diseases
6. Role of immune cells in disease progression
7. Cytokine signaling in immune-mediated diseases
8. Immunological aspects of cardiovascular diseases
9. Neuroimmunology and immune-related neurological disorders
10. Immunopathology in allergic reactions
11. Immune cell dysfunction in chronic inflammatory diseases
12. Immunotherapy for autoimmune and cancer treatment
13. Role of the immune system in organ transplantation rejection
14. Pathophysiology of immune cell infiltration in tissues
15. Immunopathology of metabolic diseases
16. Immune dysregulation in viral infections
17. Genetic factors influencing immune system disorders
18. Inflammation and immune system-related tissue damage
19. Cellular and molecular mechanisms of immune tolerance
20. Immunopathology in dermatological diseases

### **Protocols Covered across various focussed areas under Immunopathology Summer Internship**

1. Tissue analysis techniques in immunopathology
2. Cytokine measurement protocols for immune disorders
3. Immunohistochemistry for immune cell infiltration analysis
4. Flow cytometry for autoimmune disease research
5. Cytotoxicity assays for tumor immunology studies
6. ELISA for detecting immune-mediated inflammatory markers
7. Gene expression analysis for immune-related diseases

8. Biopsy protocols for immunopathological analysis
9. Animal models for studying immune-related diseases
10. Immunopathology diagnostic techniques for infectious diseases

**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 Immunopathology Summer Internship Fees](#)

Application Process and Other info