

## Medical Biology Summer Internships

Join Medical Biology summer internships to explore the biological mechanisms underlying health and disease, focusing on cell biology, molecular genetics, immunology, and the development of therapies for a wide range of medical conditions.

### Focussed Areas under Medical Biology Summer Internship

1. Cell biology in disease and health
2. Molecular genetics and gene therapy
3. Immunology and immune response in diseases
4. Stem cell biology and regenerative medicine
5. Biological pathways in cancer development and therapy
6. Molecular biology of infectious diseases
7. Gene expression and regulation in health and disease
8. Molecular biomarkers for disease diagnosis
9. Cell signaling pathways in disease
10. Host-pathogen interactions in medical biology
11. Biological mechanisms of aging and longevity
12. Medical microbiology and infectious disease control
13. Biology of neurodegenerative diseases
14. Immunotherapies for cancer and autoimmune diseases
15. Molecular mechanisms of drug resistance
16. Genetic disorders and personalized medicine
17. Biological approaches to cardiovascular diseases
18. Epigenetics in disease development
19. Microbiome research in human health
20. Biological research in organ transplantation

### Protocols Covered across various focussed areas under Medical Biology Summer Internship

1. Cell culture techniques for medical biology research
2. Gene expression analysis workflows
3. Immunology assay protocols in medical research
4. Stem cell isolation and differentiation techniques
5. Molecular biology protocols for cancer research
6. Host-pathogen interaction analysis techniques
7. Biomarker discovery protocols in medical biology

8. Cell signaling pathway analysis methods
9. Epigenetic modification analysis in diseases
10. Microbiome research techniques in human health

**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 Medical Biology Summer Internship Fees](#)

Application Process and Other info