

Virology Summer Internships

Join Virology summer internships to explore the study of viruses and their impact on human, animal, and plant health, focusing on viral pathogenesis, molecular virology, diagnostics, vaccine development, and antiviral drug research in a range of virological fields.

Focussed Areas under Virology Summer Internship

1. Viral pathogenesis and host-virus interactions
2. Molecular virology and viral replication mechanisms
3. Diagnostics and detection techniques for viral infections
4. Vaccine development for viral diseases
5. Antiviral drug research and therapeutic strategies
6. Emerging and re-emerging viral diseases
7. Viral genomics and evolution
8. Applications of CRISPR and gene editing in virology
9. Virology in cancer research and oncolytic viruses
10. Viral vectors for gene therapy and vaccine delivery
11. Zoonotic and vector-borne viral diseases
12. Virology in plant and agricultural health
13. Impact of climate change on viral transmission
14. Virology in aquaculture and marine animal health
15. Viral diagnostics and point-of-care testing
16. Host immune responses to viral infections
17. Bioinformatics tools for viral genomics
18. Applications of virology in public health and epidemiology
19. Virus-host cell signaling pathways
20. Ethical considerations in viral research and diagnostics

Protocols Covered across various focussed areas under Virology Summer Internship

1. Protocols for viral pathogenesis studies
2. Techniques for molecular virology and viral replication
3. Protocols for developing viral diagnostics and detection
4. Vaccine development workflows for viral infections
5. Protocols for antiviral drug research
6. CRISPR applications in viral research
7. Techniques for studying virus-host interactions

8. Protocols for virology in cancer research
9. Viral vector design for gene therapy
10. Bioinformatics tools for viral genomics analysis

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 Virology Summer Internship Fees](#)

Application Process and Other info