Cancer Microbiology Summer Internships

Join Cancer Microbiology summer internships to explore the role of microbes in cancer development, treatment, and prevention, focusing on the microbiome, oncolytic viruses, and microbial therapies.

Focussed Areas under Cancer Microbiology Summer Internship

1. Role of the microbiome in cancer development
2. Oncolytic viruses for cancer therapy
3. Bacterial toxins as cancer therapeutics
4. Microbial therapies for cancer prevention
5. Gut microbiota and cancer immunotherapy
6. Microbiome modulation for cancer treatment
7. Cancer vaccines derived from microbial antigens
8. Microbial biofilms in cancer development
9. Virus-induced cancers and microbial treatments
10. Cancer diagnostics using microbial biomarkers
11. Probiotics in cancer prevention and treatment
12. The role of Helicobacter pylori in gastric cancers
13. Tumor microbiota and cancer progression
14. Microbiome profiling in cancer patients
15. Microbial metabolites in cancer development
16. Role of viruses in cancer immunology
17. Microbial interaction with cancer drugs
18. The impact of the microbiome on chemotherapy
19. Phage therapy in cancer treatment
20. Microbiome engineering for cancer therapeutics

Protocols Covered across various focussed areas under Cancer Microbiology Summer Internship

1. Microbiome profiling techniques in cancer patients
2. Oncolytic virus isolation and testing
3. Microbial toxin assays for cancer therapy
4. Gut microbiota analysis for cancer research
5. Probiotic culture and therapeutic testing
6. Microbial antigen vaccine development

7. Virus-induced cancer model development
8. Microbial biomarker identification for cancer diagnosis
9. Microbiome modulation methods for cancer treatment
10. Phage therapy application in cancer

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 Cancer Microbiology Summer Internship Fees

Application Process and Other info