

Molecular Oncology Summer Internships

Join Molecular Oncology summer internships to explore the molecular mechanisms of cancer development, focusing on cancer genetics, molecular diagnostics, targeted therapies, and the use of molecular tools in cancer research and treatment.

Focussed Areas under Molecular Oncology Summer Internship

1. Molecular mechanisms of cancer initiation and progression
2. Genetic mutations and oncogenes in cancer
3. Molecular diagnostics for cancer detection
4. Targeted cancer therapies and personalized medicine
5. Molecular biomarkers in cancer prognosis and treatment
6. Tumor suppressor genes and molecular pathways
7. CRISPR and gene editing in cancer research
8. Cancer immunotherapy and molecular approaches
9. Molecular oncology in drug resistance and cancer recurrence
10. Molecular approaches to cancer metastasis
11. Molecular techniques for studying tumor microenvironment
12. Epigenetic changes in cancer
13. Molecular approaches to studying cancer stem cells
14. Proteomics and genomics in cancer research
15. Next-generation sequencing for cancer genomics
16. Molecular mechanisms of angiogenesis in cancer
17. Molecular oncology in radiation therapy
18. Molecular approaches to cancer vaccine development
19. Gene expression analysis in cancer research
20. Molecular mechanisms of apoptosis in cancer

Protocols Covered across various focussed areas under Molecular Oncology Summer Internship

1. Molecular diagnostics for cancer detection protocols
2. CRISPR gene editing techniques for cancer research
3. Proteomics and genomics workflows in cancer research
4. Molecular techniques for studying tumor microenvironment
5. Molecular pathways analysis in cancer metastasis
6. Gene expression analysis using qPCR and microarrays

7. Molecular techniques for cancer immunotherapy development
8. Epigenetic analysis protocols in cancer research
9. Molecular approaches to studying drug resistance
10. Next-generation sequencing sample preparation for cancer genomics

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 Molecular Oncology Summer Internship Fees](#)

Application Process and Other info