

Exposomics Summer Internships

Join Exposomics summer internships to explore the impact of environmental exposures on health, focusing on the exposome, biomarkers of exposure, and the application of omics technologies to understand how environmental factors influence disease risk.

Focussed Areas under Exposomics Summer Internship

1. Exposome and its role in disease development
2. Biomarkers of environmental exposure
3. Environmental influences on gene expression (epigenetics)
4. Metabolomics in exposure science
5. Omics technologies in exposomics research
6. Exposure to pollutants and their health effects
7. Exposome-wide association studies (EWAS)
8. Bioinformatics and data integration in exposomics
9. Impact of chemical exposures on human health
10. Chronic exposure to air pollution and its biological effects
11. Microbiome changes due to environmental exposures
12. Nutritional exposures and health outcomes
13. Toxicogenomics and its role in exposomics
14. Longitudinal exposomics studies for disease prediction
15. Chemical mixtures and combined exposure risks
16. Pesticide exposure and agricultural health risks
17. Exposomics in cancer research and prevention
18. Impact of endocrine disruptors on human health
19. Occupational exposure and chronic disease risk
20. Exposome research in vulnerable populations

Protocols Covered across various focussed areas under Exposomics Summer Internship

1. Biomarker discovery protocols for environmental exposures
2. Exposome-wide association studies (EWAS) methodologies
3. Metabolomics techniques for exposure science
4. Toxicogenomics analysis for chemical exposures
5. Omics data integration in exposomics research
6. Environmental exposure assessment and measurement techniques
7. Microbiome analysis in response to environmental exposures

8. Epigenetic analysis of environmental influences on gene expression
9. Longitudinal data collection for exposomics studies
10. Bioinformatics tools for exposomics data interpretation

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 Exposomics Summer Internship Fees](#)

Application Process and Other info