

## **Obesidomics Summer Internships**

Join Obesidomics summer internships to explore the molecular and metabolic pathways involved in obesity, focusing on genomic, proteomic, and metabolomic analyses of obesity-related disorders and personalized interventions for weight management and metabolic health.

### **Focussed Areas under Obesidomics Summer Internship**

1. Genomics and proteomics in obesity research
2. Metabolic pathways associated with obesity
3. Role of the gut microbiome in obesity
4. Obesidomics in metabolic syndrome and diabetes
5. Gene expression changes in obesity
6. Epigenetic modifications and obesity
7. Molecular targets for anti-obesity therapies
8. Nutrigenomics and personalized diet plans for obesity
9. Metabolomics of fat metabolism and energy balance
10. Hormonal regulation in obesity and metabolic health
11. Proteomics of adipose tissue in obesity
12. Microbiota-based therapies for obesity management
13. Obesidomics in cardiovascular health and obesity
14. Obesidomics in liver diseases and non-alcoholic fatty liver
15. Molecular mechanisms of obesity-induced inflammation
16. Pharmacogenomics in obesity treatment
17. Biomarkers for obesity-related disorders
18. Bioinformatics tools in obesidomics data analysis
19. Functional genomics for obesity research
20. Gene-diet interactions in weight management

### **Protocols Covered across various focussed areas under Obesidomics Summer Internship**

1. Genomic and proteomic techniques for studying obesity
2. Metabolomics workflows for analyzing fat metabolism
3. Microbiome analysis protocols in obesity research
4. Gene expression analysis in adipose tissue
5. Epigenetic modification studies in obesity
6. Biomarker discovery protocols for obesity-related disorders
7. Molecular assays for studying hormonal regulation in obesity

8. Proteomics techniques for analyzing adipose tissue
9. Pharmacogenomic testing in obesity treatment
10. Bioinformatics pipelines for obesidomics data 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 Obesidomics Summer Internship Fees](#)

Application Process and Other info