

## Obesidomics Winter Internships

Participate in Obesidomics winter internships to explore the impact of cold stress on obesity-related metabolic pathways, focusing on cold-induced molecular changes in fat metabolism, gene expression under cold conditions, and the role of cold-environment interventions in weight management.

### Focussed Areas under Obesidomics Winter Internship

1. Cold-induced metabolic changes in obesity
2. Gene expression in adipose tissue under cold stress
3. Cold-environment microbiome changes in obesity
4. Cold-induced alterations in fat metabolism
5. Obesidomics in cold-stress metabolic syndrome
6. Cold-environment proteomics and adipose tissue analysis
7. Cold-stress epigenetic modifications in obesity
8. Cold-induced hormonal regulation and weight management
9. Metabolomics of energy balance under cold stress
10. Molecular targets for cold-stress anti-obesity therapies
11. Cold-environment obesidomics in diabetes management
12. Biomarkers for cold-stress obesity-related disorders
13. Cold-stress pharmacogenomics in obesity treatment
14. Molecular mechanisms of inflammation in cold-stress obesity
15. Cold-environment nutrigenomics for weight management
16. Cold-induced obesity interventions in cardiovascular health
17. Cold-stress bioinformatics tools for obesidomics data
18. Gene-diet interactions under cold stress for obesity management
19. Cold-stress functional genomics in obesity research
20. Microbiota-based therapies for cold-environment obesity

### Protocols Covered across various focussed areas under Obesidomics Winter Internship

1. Cold-stress metabolomics workflows for fat metabolism analysis
2. Cold-environment gene expression analysis in obesity
3. Microbiome analysis protocols for cold-stress obesity research
4. Epigenetic modification protocols for cold-stress obesity
5. Cold-induced biomarker discovery for obesity disorders
6. Proteomics workflows for cold-stress adipose tissue analysis

7. Cold-stress hormonal regulation molecular assays
8. Bioinformatics pipelines for cold-environment obesidomics
9. Cold-stress pharmacogenomic testing in obesity treatment
10. Gene-diet interaction protocols for cold-stress weight management

**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 Winter Internship Fees](#)

Application Process and Other info