

Gene Cloning and Genetic Engineering Summer Internships

Join Gene Cloning and Genetic Engineering summer internships to explore molecular cloning techniques, gene editing technologies like CRISPR, and their applications in agriculture, medicine, and biotechnology.

Focussed Areas under Gene Cloning Genetical Engineering Summer Internship

1. CRISPR-Cas gene editing techniques
2. Gene cloning for molecular biology applications
3. Recombinant DNA technology and its uses
4. Gene therapy applications in medicine
5. Molecular cloning for the production of recombinant proteins
6. Plant genetic engineering for crop improvement
7. Animal genetic engineering for biopharmaceuticals
8. Gene silencing and RNA interference (RNAi)
9. Metabolic pathway engineering using gene cloning
10. Synthetic biology and genetic circuits design
11. Gene cloning in microbial systems
12. Gene cloning for vaccine development
13. Genome editing for agricultural applications
14. Human gene cloning for therapeutic purposes
15. Functional genomics using gene cloning
16. Gene targeting and transgenic organism creation
17. Biotechnology applications of gene cloning
18. Epigenetic modifications in genetic engineering
19. Gene editing for inherited genetic diseases
20. Molecular techniques for DNA sequencing and analysis

Protocols Covered across various focussed areas under Gene Cloning Genetical Engineering Summer Internship

1. CRISPR-Cas9 gene editing protocols
2. Gene cloning workflows for molecular biology
3. Recombinant DNA technology workflows
4. RNA interference (RNAi) gene silencing methods
5. Metabolic engineering using gene cloning
6. Gene cloning protocols for recombinant protein production

7. Genome editing techniques for agricultural biotechnology
8. Synthetic biology techniques for gene circuits
9. Transgenic organism creation protocols
10. DNA sequencing and gene analysis techniques

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 Gene Cloning Genetical Engineering Summer Internship Fees](#)

Application Process and Other info