



Genetics Course Finishers Training Program

The Genetics Course Finishers Training Program is designed for participants who have completed foundational genetics training. This program provides an intensive review of genetic techniques, data analysis, advanced applications, and hands-on practice to solidify and expand genetics expertise.

Note: Below modules are designed keeping high end industrial professionals into consideration. Please refer individual protocols below for affordable prices.

Advanced Genetic Techniques Review

Kindly review the fees outlined for the individual protocols listed in this module.

- Review of sequencing methods and data interpretation
- In-depth analysis of gel electrophoresis results
- CRISPR gene editing basics and applications
- Optimization techniques for genetic assays

Genetic Data Analysis and Bioinformatics

Kindly review the fees outlined for the individual protocols listed in this module.

- Advanced sequence alignment and phylogenetics
- Variant calling and annotation for clinical genetics
- Case studies on genetic data interpretation
- Practical applications of bioinformatics in genetics research

Functional Genomics and Transcriptomics

Kindly review the fees outlined for the individual protocols listed in this module.

- Differential expression analysis and interpretation
- Functional annotation of gene pathways

- Review of RNA interference (RNAi) techniques
- Application of transcriptomics in disease research

Population Genetics and Evolutionary Studies

Kindly review the fees outlined for the individual protocols listed in this module.

- Genetic drift, migration, and selection models
- Using population genetics software (e.g., STRUCTURE)
- Applications in evolutionary and conservation genetics
- Case studies in population genetics research

Professional Skills and Ethics in Genetics

Kindly review the fees outlined for the individual protocols listed in this module.

- Ethics in genetic testing and research
- Presentation skills for scientific findings
- Collaborative research in genetics teams
- Networking and career development in genetics

Individual Protocols Under Genetics Course Finishers Training Program

1. Hands-on practice with DNA extraction and PCR | **Fee: Contact for fee**
2. Review of sequencing methods and data interpretation | **Fee: Contact for fee**
3. In-depth analysis of gel electrophoresis results | **Fee: Contact for fee**
4. CRISPR gene editing basics and applications | **Fee: Contact for fee**
5. Optimization techniques for genetic assays | **Fee: Contact for fee**
6. Comprehensive review of bioinformatics tools for genetics | **Fee: Contact for fee**
7. Advanced sequence alignment and phylogenetics | **Fee: Contact for fee**
8. Variant calling and annotation for clinical genetics | **Fee: Contact for fee**
9. Case studies on genetic data interpretation | **Fee: Contact for fee**
10. Practical applications of bioinformatics in genetics research | **Fee: Contact for fee**
11. Gene expression analysis techniques (qPCR, RNA-Seq) | **Fee: Contact for fee**
12. Differential expression analysis and interpretation | **Fee: Contact for fee**
13. Functional annotation of gene pathways | **Fee: Contact for fee**
14. Review of RNA interference (RNAi) techniques | **Fee: Contact for fee**
15. Application of transcriptomics in disease research | **Fee: Contact for fee**

16. Analysis of genetic diversity and allele frequencies | **Fee: Contact for fee**
17. Genetic drift, migration, and selection models | **Fee: Contact for fee**
18. Using population genetics software (e.g., STRUCTURE) | **Fee: Contact for fee**
19. Applications in evolutionary and conservation genetics | **Fee: Contact for fee**
20. Case studies in population genetics research | **Fee: Contact for fee**
21. Writing research reports and scientific publications | **Fee: Contact for fee**
22. Ethics in genetic testing and research | **Fee: Contact for fee**
23. Presentation skills for scientific findings | **Fee: Contact for fee**
24. Collaborative research in genetics teams | **Fee: Contact for fee**
25. Networking and career development in genetics | **Fee: Contact for fee**

Please contact on +91-8977624748 for more details

Cant Come to Hyderabad? No Problem, You can do it in Virtual / Online Mode