



NTHRYS WORKSHOPS

Innovations In Dna Profiling Technologies

8:45 AM - 10:15 AM: Session 1: CRISPR and Genome Editing

Introduction to CRISPR-Cas9 technology and its applications.
Hands-on session on designing CRISPR experiments.
Practical demonstration of genome editing techniques.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Epigenetic Profiling

Exploring the role of epigenetics in gene expression.
Hands-on training on analyzing DNA methylation patterns.
Case studies on epigenetic changes in disease development.

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Single-Cell DNA Profiling

Hands-on session on single-cell sequencing techniques.

Exploring the applications of single-cell DNA profiling in research.
Case studies on advancements in single-cell genomics.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Trends in DNA Profiling

Discussion on emerging trends and technologies in DNA profiling.
Workshop on integrating new technologies in DNA profiling workflows.
Case studies on the future impact of DNA profiling in various fields.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes