



NTHRYS WORKSHOPS

Advanced Techniques In Genetics

8:45 AM - 10:15 AM: Session 1: High-Throughput Genetic Techniques

Introduction to high-throughput techniques in genetics.
Hands-on session on next-generation sequencing.
Practical demonstration of genomic data analysis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genomic Technologies

Exploring advanced genomic technologies.
Workshop on using CRISPR and other gene editing tools.
Case studies on the applications of genomic technologies in genetics research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Population Genetics

Hands-on session on population genetics and evolutionary biology.

Exploring techniques for studying genetic structure and diversity.
Practical applications of population genetics in conservation and epidemiology.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Computational Genetics

Workshop on computational tools for genetic research.
Practical techniques for bioinformatics and computational modeling.
Case studies on the use of computational genetics in research.

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