

NTHRYS WORKSHOPS

Practical Techniques In Population Genetics

8:45 AM - 10:15 AM: Session 1: Introduction to Population Genetics

Overview of population genetics and its significance.
Techniques for studying genetic variation within populations.
Case studies on population genetics research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genetic Data Collection

Hands-on techniques for collecting genetic data from populations.
Practical session on sampling methods and DNA extraction.
Discussion on data quality and control.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Data Analysis in Population Genetics

Introduction to data analysis techniques in population genetics.

Practical session on using software tools for genetic analysis.
Case studies on interpreting genetic data.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies and Applications

Review of significant case studies in population genetics.
Applications in conservation, agriculture, and medicine.
Future trends and research directions.

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