



NTHRYS WORKSHOPS

Phylogenetics Of Human Evolution And Migration

8:45 AM - 10:15 AM: Session 1: Phylogenetics of Human Population History

Hands-on workshop on human evolution.

Protocols for reconstructing the evolutionary history of human populations using phylogenetic methods and genetic data.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Modeling Human Migration and Genetic Structure

Practical session on human migration.

Protocols for modeling historical and contemporary human migration patterns and their impact on genetic diversity.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Phylogeographic Studies of Ancient Human Populations

Hands-on training on ancient DNA.

Protocols for integrating ancient DNA data with phylogeographic models to study the migration and evolution of early human populations.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Inferring Population Bottlenecks and Expansions

Practical session on population dynamics.

Protocols for detecting historical population bottlenecks and expansions in human populations using genetic data and phylodynamic models.

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