



NTHRYS WORKSHOPS

Spatial Phylodynamics And Migration Patterns

8:45 AM - 10:15 AM: Session 1: Spatial Phylogenetics and Migration Models

Hands-on workshop on spatial phylodynamics.
Protocols for analyzing spatial migration patterns and estimating the geographic spread of organisms or pathogens.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Phylogeography and Discrete Trait Analysis

Practical session on phylogeography.
Protocols for reconstructing the geographic history of populations and performing discrete trait analysis in phylodynamic studies.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Continuous Phylogeography and Spatial Diffusion

Hands-on training on continuous phylogeography.
Protocols for modeling spatial diffusion and continuous geographic spread of pathogens across landscapes.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Migration and Phylodynamics in Human Populations

Practical session on human migration.
Protocols for studying the impact of migration and mobility on the genetic diversity and structure of human populations using phylodynamic tools.

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