



NTHRYS WORKSHOPS

Advanced Techniques In Comparative Genomics

8:45 AM - 10:15 AM: Session 1: Genome Alignment and Annotation

Introduction to advanced techniques in genome alignment and annotation.
Practical demonstration of multiple sequence alignment and functional annotation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Comparative Genomic Hybridization (CGH)

Overview of CGH and its applications.
Hands-on workshop on using CGH for detecting genomic variations and structural differences.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Phylogenomics

Introduction to phylogenomics and its role in comparative genomics.

Practical session on constructing phylogenetic trees and analyzing genomic data.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Comparative Genomics in Medicine

Discussion on the applications of comparative genomics in medicine.

Case studies on using comparative genomics to identify disease genes and develop therapeutic strategies.

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