



NTHRYS WORKSHOPS

Advanced Techniques In Molecular Biology

8:45 AM - 10:15 AM: Session 1: Advanced Molecular Techniques

Introduction to advanced molecular techniques in biology.
Hands-on session on using CRISPR, next-generation sequencing, and other methods.
Practical demonstration of advanced molecular biology applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Functional Genomics

Exploring functional genomics approaches.
Workshop on studying gene function and interactions.
Case studies on the applications of functional genomics in research and medicine.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Proteomics and Metabolomics

Hands-on session on proteomics and metabolomics techniques.

Exploring techniques for studying proteins and metabolites.
Practical applications of omics technologies in understanding biological systems.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Structural Biology

Workshop on structural biology techniques.
Practical techniques for studying the structure of biomolecules.
Case studies on the role of structural biology in drug design and development.

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