



NTHRYS WORKSHOPS

Advanced Techniques In Molecular Agrobiolology

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

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

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

Networking and refreshments.

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

Exploring functional genomics approaches in crop research.
Workshop on identifying and characterizing genes involved in stress responses.
Case studies on the applications of functional genomics in crop improvement.

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

Catered lunch and networking opportunity.

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

Hands-on session on metabolomics and proteomics techniques.
Exploring techniques for studying plant metabolism and protein function.
Practical applications of omics technologies in agriculture.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Bioinformatics in Molecular Agrobiolology

Workshop on bioinformatics tools for molecular agrobiolology.
Practical techniques for analyzing and interpreting molecular data.
Case studies on using bioinformatics to understand plant and microbial interactions.

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