



NTHRYS WORKSHOPS

Advanced Techniques In Molecular Farming

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

Introduction to advanced techniques in molecular farming.
Hands-on session on using CRISPR, RNAi, and other methods.
Practical demonstration of advanced molecular farming applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Metabolic Engineering in Plants

Exploring metabolic engineering approaches in plants.
Workshop on designing and optimizing metabolic pathways.
Case studies on the applications of metabolic engineering in molecular farming.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Plant-based Biopharmaceuticals

Hands-on session on producing biopharmaceuticals in plants.

Exploring techniques for developing plant-based vaccines and therapeutics.
Practical applications of molecular farming in biopharmaceutical production.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Bioprocess Optimization

Workshop on optimizing bioprocesses in molecular farming.
Practical techniques for scaling up and improving yield.
Case studies on the role of bioprocess optimization in commercial molecular farming.

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