



NTHRYS WORKSHOPS

Advanced Techniques In Agricultural Biotechnology

8:45 AM - 10:15 AM: Session 1: CRISPR and Genome Editing

Introduction to CRISPR-Cas9 and other genome editing technologies.
Practical demonstration of genome editing in plants.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Molecular Breeding Techniques

Overview of molecular breeding and marker-assisted selection.
Hands-on workshop on QTL mapping and marker analysis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Plant Tissue Culture

Introduction to plant tissue culture techniques and applications.

Practical session on micropropagation and somatic embryogenesis.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biotechnology in Pest Management

Applications of biotechnology in pest and disease management.
Case studies on biopesticides and genetically modified organisms (GMOs).

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