



NTHRYS WORKSHOPS

Advanced Techniques In Plant Breeding And Genetics

8:45 AM - 10:15 AM: Session 1: Advanced Genetic Analysis

Advanced techniques in genetic analysis.
Practical session on next-generation sequencing for breeding.
Troubleshooting and optimizing genetic data analysis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genomic Selection

Overview of genomic selection in plant breeding.
Practical session on using genomic selection tools.
Case studies on genomic selection applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Breeding for Stress Tolerance

Using breeding techniques to develop stress-tolerant crops.
Practical session on screening for stress tolerance.
Case studies on successful stress-tolerant crops.

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 Plant Breeding

Strategies for integrating biotechnology in plant breeding.
Case studies on biotechnological applications.
Future trends and challenges in the field.

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