



NTHRYS WORKSHOPS

Practical Techniques In Plant Biotechnology

8:45 AM - 10:15 AM: Session 1: Introduction to Plant Biotechnology

Overview of plant biotechnology and its applications.
Techniques for genetic modification of plants.
Case studies on successful plant biotechnology projects.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genetic Engineering Techniques

Hands-on techniques for genetic engineering in plants.
CRISPR-Cas9 and other genome editing tools.
Practical session on gene cloning and transformation.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Tissue Culture and Micropropagation

Introduction to plant tissue culture techniques.

Practical demonstration of micropropagation methods.
Discussion on applications in agriculture and horticulture.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies and Applications

Review of significant case studies in plant biotechnology.
Applications in crop improvement and disease resistance.
Future trends and research directions.

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