



NTHRYS WORKSHOPS

Advanced Techniques In Plant Tissue Culturing

8:45 AM - 10:15 AM: Session 1: Somatic Embryogenesis

Advanced techniques in somatic embryogenesis.
Practical session on inducing and maintaining somatic embryos.
Troubleshooting and optimizing embryogenesis processes.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Protoplast Culture and Fusion

Overview of protoplast culture and fusion techniques.
Practical session on isolating and culturing protoplasts.
Case studies on protoplast fusion applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Anther and Pollen Culture

Using anther and pollen culture for plant breeding.
Practical session on culturing anthers and pollen.
Case studies on developing haploid plants.

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 Tissue Culture

Strategies for integrating biotechnology in tissue culture.
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