



NTHRYS WORKSHOPS

Viral Plant Pathogens And Management

8:45 AM - 10:15 AM: Session 1: Overview of Plant Viral Diseases

Hands-on workshop on plant viruses.
Protocols for studying the transmission, replication, and spread of plant viruses in crops.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Detection of Viral Pathogens Using ELISA and RT-PCR

Practical session on viral detection.
Protocols for detecting plant viruses using techniques like ELISA, RT-PCR, and real-time qPCR.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: RNAi-Based Control Strategies for Viral Pathogens

Hands-on training on RNAi techniques.

Protocols for using RNA interference (RNAi) to suppress viral replication and manage viral diseases in crops.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Cross-Protection and Immunity Against Plant Viruses

Practical session on viral cross-protection.

Protocols for inducing cross-protection in plants to confer resistance to viral infections.

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