



## NTHRYS WORKSHOPS

# Plant Microbiomes And Disease Suppression

### **8:45 AM - 10:15 AM: Session 1: Role of Plant Microbiomes in Disease Suppression**

Hands-on workshop on plant microbiomes.

Protocols for studying plant-associated microbiomes and their role in disease suppression and plant health.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Isolation and Characterization of Beneficial Microbes**

Practical session on beneficial microbes.

Protocols for isolating and characterizing beneficial microorganisms from plant rhizospheres and endospheres.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Microbial Inoculants for Disease Control**

Hands-on training on microbial inoculants.

Protocols for applying microbial inoculants to suppress plant diseases and enhance plant growth.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Engineering the Plant Microbiome for Enhanced Disease Resistance**

Practical session on microbiome engineering.

Protocols for engineering plant-associated microbiomes to improve disease resistance and plant productivity.

### **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**