



## NTHRYS WORKSHOPS

# Advanced Techniques In Phenomics

### 8:45 AM - 10:15 AM: Session 1: Advanced Phenomics Techniques

Introduction to advanced techniques in phenomics.  
Hands-on session on using advanced imaging, machine learning, and other methods.  
Practical demonstration of advanced phenomics applications.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Phenomics in Crop Science

Exploring the role of phenomics in crop science.  
Workshop on using phenomics to study and improve crop traits.  
Case studies on the applications of phenomics in agriculture.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Phenomics in Disease Research

Hands-on session on the use of phenomics in studying diseases.

Exploring techniques for identifying phenotypic markers of disease.  
Practical applications of phenomics in understanding and managing diseases.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Integrative Omics in Phenomics**

Workshop on integrating multi-omics data in phenomics research.  
Practical techniques for combining genomics, proteomics, and metabolomics.  
Case studies on the role of integrative omics in advancing phenomics.

### **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**