



## NTHRYS WORKSHOPS

# Advanced Techniques In Phytochemomics

### 8:45 AM - 10:15 AM: Session 1: Metabolomics in Phytochemomics

Introduction to metabolomics and its applications in phytochemomics.  
Practical demonstration of metabolomic workflows.  
Data analysis techniques for metabolomics.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Chromatographic Techniques

Overview of chromatographic techniques in phytochemomics.  
Practical session on using HPLC and GC-MS for plant analysis.  
Interpreting chromatographic data and troubleshooting common issues.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Phytochemical Extraction Methods

Using advanced extraction methods for phytochemical analysis.

Case studies on extraction techniques.

Discussion on integrating extraction methods with other analytical techniques.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Phytochemomics in Drug Discovery**

Strategies for using phytochemomics in drug discovery.

Case studies on pharmaceutical 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**