



## NTHRYS WORKSHOPS

# Innovations In Pharmacogenetics

### 8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Pharmacogenetics

Introduction to emerging technologies in pharmacogenetics.  
Hands-on session on using advanced tools and techniques in pharmacogenetics research.  
Case studies on innovative applications of new technologies in pharmacogenetics.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Pharmacogenetics

Exploring the role of AI and machine learning in pharmacogenetics.  
Workshop on developing predictive models using AI and ML.  
Case studies on the applications of AI in enhancing pharmacogenetics research.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Big Data Analytics in Pharmacogenetics**

Hands-on session on big data analytics in pharmacogenetics.  
Exploring techniques for managing and analyzing large datasets.  
Practical applications of big data analytics in pharmacogenetics.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Directions in Pharmacogenetics**

Discussion on emerging trends and future directions in pharmacogenetics.  
Workshop on integrating new technologies in pharmacogenetics research.  
Case studies on the potential impact of future innovations in pharmacogenetics.

### **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**