



## NTHRYS WORKSHOPS

# Genetics In Biomedical Research

### 8:45 AM - 10:15 AM: Session 1: Role of Genetics in Disease Research

Overview of the importance of genetics in disease research.  
Hands-on session on studying genetic factors in diseases.  
Case studies on the impact of genetics in biomedical research.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Cancer Genetics

Exploring the role of genetics in cancer research.  
Workshop on using genetic techniques to study cancer biology.  
Case studies on the applications of genetics in cancer therapy.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Genetics in Personalized Medicine

Hands-on session on using genetics in personalized medicine.

Exploring techniques for identifying patient-specific genetic variations.  
Practical applications of genetics in developing personalized therapies.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Clinical Applications of Genetics**

Workshop on translating genetic research into clinical practice.  
Practical techniques for using genetic data in clinical settings.  
Case studies on the impact of genetics on medical treatments.

### **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**