

## NTHRYS WORKSHOPS

# Functional Genomics In Biomedical Research

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

Overview of the importance of functional genomics in disease research.  
Hands-on session on identifying disease-related genes.  
Case studies on the impact of functional genomics in biomedical research.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Functional Genomics in Cancer Research

Exploring the role of functional genomics in cancer research.  
Workshop on using functional genomics to identify cancer biomarkers and therapeutic targets.  
Case studies on the applications of functional genomics in cancer therapy.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Functional Genomics in Personalized Medicine**

Hands-on session on using functional genomics in personalized medicine.  
Exploring techniques for identifying patient-specific gene functions.  
Practical applications of functional genomics 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 Functional Genomics**

Workshop on translating functional genomics research into clinical practice.  
Practical techniques for using functional genomics data in clinical settings.  
Case studies on the impact of functional genomics 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**