



## NTHRYS WORKSHOPS

# Gene Cloning And Genetic Engineering In Biomedical Research

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

Overview of the importance of gene cloning in disease research.  
Hands-on session on cloning disease-related genes.  
Case studies on the impact of gene cloning in biomedical research.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Genetic Engineering in Cancer Research

Exploring the role of genetic engineering in cancer research.  
Workshop on using gene editing to study cancer biology.  
Case studies on the applications of genetic engineering in cancer therapy.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Gene Cloning and Personalized Medicine**

Hands-on session on using gene cloning in personalized medicine.  
Exploring techniques for identifying patient-specific genetic variations.  
Practical applications of gene cloning 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 Genetic Engineering**

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