



## NTHRYS WORKSHOPS

# Molecular Biology In Biomedical Research

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

Overview of the importance of molecular biology in disease research.  
Hands-on session on studying disease mechanisms using molecular biology techniques.  
Case studies on the impact of molecular biology in biomedical research.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Molecular Biology in Cancer Research

Exploring the role of molecular biology in cancer research.  
Workshop on using molecular techniques to study and treat cancer.  
Case studies on the applications of molecular biology in cancer therapy.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Molecular Biology in Infectious Diseases

Hands-on session on the use of molecular biology in studying infectious diseases.

Exploring techniques for developing vaccines and antiviral therapies.  
Practical applications of molecular biology in developing treatments for infectious diseases.

### **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 Molecular Biology**

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