



## NTHRYS WORKSHOPS

# Enzymology In Medical And Health Sciences

### 8:45 AM - 10:15 AM: Session 1: Enzymes in Disease Diagnosis

Overview of enzyme-based diagnostic techniques.  
Hands-on session on using enzymes in clinical assays.  
Case studies on enzyme markers in disease diagnosis.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Therapeutic Enzymes

Exploring the use of enzymes as therapeutic agents.  
Workshop on enzyme replacement therapy and drug design.  
Case studies on clinical applications of therapeutic enzymes.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Enzyme Deficiencies and Disorders

Hands-on session on diagnosing and studying enzyme deficiencies.

Exploring genetic and metabolic disorders related to enzyme function.  
Case studies on treatment strategies for enzyme-related disorders.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Enzymes in Drug Metabolism**

Workshop on the role of enzymes in drug metabolism.  
Practical techniques for studying drug-enzyme interactions.  
Case studies on pharmacogenomics and personalized medicine.

### **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**