



## NTHRYS WORKSHOPS

# Introduction To Medical Biology

### 8:45 AM - 10:15 AM: Session 1: Basics of Medical Biology

Overview of medical biology principles and applications.  
Hands-on session on the study of human biological processes.  
Introduction to the importance of medical biology in healthcare.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Cellular and Molecular Techniques

Interactive session on cellular and molecular techniques in medical biology.  
Workshop on microscopy, PCR, and other methods.  
Practical demonstration of cellular and molecular assays.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Human Physiology

Exploring human physiology and its clinical significance.

Hands-on training on studying physiological processes.  
Case studies on the role of physiology in medical research.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Genetics and Genomics**

Workshop on the applications of genetics and genomics in medical biology.  
Practical techniques for studying genetic diseases.  
Case studies on the impact of genomics on healthcare.

### **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**