

## NTHRYS WORKSHOPS

# Emerging Trends In Biophysics

### 8:45 AM - 10:15 AM: Session 1: Biophotonics

Introduction to biophotonics and its applications.

Practical session on imaging and manipulating biological systems with light.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Nanobiophysics

Overview of nanotechnology in biophysics.

Hands-on workshop on the use of nanoparticles in studying biological systems.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Systems Biophysics

Discussion on systems-level approaches in biophysics.

Practical exercises on integrating biophysical data to understand complex biological systems.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Directions in Biophysics**

Exploration of future trends and innovations in biophysics.

Case studies on cutting-edge research and its impact on the field of biophysics.

### **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**