



## NTHRYS WORKSHOPS

# Nanotechnology In Biomedical Research

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

Overview of the importance of nanotechnology in disease research.  
Hands-on session on studying nanomaterials for disease diagnosis and therapy.  
Case studies on the impact of nanotechnology in biomedical research.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Nanotechnology in Regenerative Medicine

Exploring the role of nanotechnology in regenerative medicine.  
Workshop on using nanomaterials for tissue engineering and cell therapy.  
Case studies on the applications of nanotechnology in regenerative medicine.

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

Catered lunch and networking opportunity.

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

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

Exploring techniques for using nanoparticles to detect and treat infections.  
Practical applications of nanotechnology in managing 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 Nanotechnology**

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