



## NTHRYS WORKSHOPS

# Introduction To Nano Biotechnology

### **8:45 AM - 10:15 AM: Session 1: Basics of Nano Biotechnology**

Overview of nano biotechnology principles and applications.  
Hands-on session on studying nanomaterials and their roles in biotechnology.  
Introduction to the importance of nano biotechnology in modern science.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Techniques in Nano Biotechnology**

Interactive session on techniques used in nano biotechnology.  
Workshop on using electron microscopy, nanoparticle synthesis, and molecular techniques.  
Practical demonstration of nano biotechnology techniques.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Nanomaterials and Their Applications**

Exploring various types of nanomaterials and their applications.

Hands-on training on synthesizing and characterizing nanomaterials.  
Case studies on the role of nano biotechnology in developing new materials.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Nano Biotechnology in Medicine**

Workshop on nano biotechnology applications in medicine.  
Practical techniques for developing nanomedicines and diagnostics.  
Case studies on the applications of nano biotechnology in 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**