



## NTHRYS WORKSHOPS

# Introduction To Blue Biotechnology

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

Overview of blue biotechnology and its significance.  
Introduction to marine biotechnology and its applications in various fields.

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

Networking and refreshments.

### **10:30 AM - 12:00 PM: Session 2: Marine Organism Cultivation**

Hands-on training on the cultivation of marine organisms.  
Practical session on culturing algae, seaweed, and marine microorganisms.

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

Catered lunch and networking opportunity.

### **1:00 PM - 2:30 PM: Session 3: Marine Natural Products**

Overview of marine natural products and their applications.  
Practical exercises on isolating and characterizing bioactive compounds from marine sources.

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

Time for a stretch and informal discussions.

**2:45 PM - 4:15 PM: Session 4: Case Studies in Blue Biotechnology**

Discussion on real-world case studies in blue biotechnology.

Analysis of marine biotechnology advancements in pharmaceuticals, agriculture, and environmental science.

**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**