



## NTHRYS WORKSHOPS

# Systems Biology In Disease Research

### 8:45 AM - 10:15 AM: Session 1: Systems Biology in Cancer Research

Introduction to systems biology applications in cancer research.  
Case studies on cancer systems biology.  
Practical session on analyzing cancer-related data.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Infectious Disease Systems Biology

Using systems biology to study infectious diseases.  
Case studies on pathogen-host interactions.  
Practical session on analyzing infectious disease data.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Personalized Medicine

Applications of systems biology in personalized medicine.

Case studies on individualized treatment plans.  
Practical session on integrating systems biology into clinical practice.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Future Challenges in Disease Research**

Discussion on future challenges and opportunities in systems biology for disease research.  
Strategies for addressing these challenges.  
Networking session for collaborative solutions.

### **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**