



## NTHRYS WORKSHOPS

# Introduction To Cancer Systems Biology

### 8:45 AM - 10:15 AM: Session 1: Basics of Cancer Systems Biology

Overview of cancer systems biology and its significance.  
Introduction to systems biology approaches in understanding cancer.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Omics Technologies in Cancer Research

Hands-on training on omics technologies used in cancer research.  
Practical session on genomics, transcriptomics, proteomics, and metabolomics.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Computational Modeling of Cancer

Overview of computational modeling techniques in cancer systems biology.  
Practical exercises on building and analyzing cancer models.

**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 Cancer Systems Biology**

Discussion on real-world case studies in cancer systems biology.  
Analysis of systems biology approaches in cancer diagnosis, treatment, and prevention.

**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**