



## NTHRYS WORKSHOPS

# Introduction To Molecular Cancer Research

### 8:45 AM - 10:15 AM: Session 1: Basics of Molecular Cancer Research

Overview of molecular cancer research principles and applications.  
Hands-on session on studying the molecular mechanisms of cancer.  
Introduction to the importance of molecular research in understanding cancer.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Techniques in Cancer Genomics

Interactive session on genomics techniques used in cancer research.  
Workshop on using next-generation sequencing, CRISPR, and other methods.  
Practical demonstration of genomics applications in cancer research.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Cancer Epigenetics

Exploring the role of epigenetics in cancer.

Hands-on training on studying epigenetic modifications in cancer cells.  
Case studies on the impact of epigenetics on cancer progression.

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

Time for a stretch and informal discussions.

### **2:45 PM - 4:15 PM: Session 4: Cancer Biomarkers**

Workshop on identifying and validating cancer biomarkers.  
Practical techniques for using biomarkers in cancer diagnosis and treatment.  
Case studies on the applications of biomarkers in cancer therapy.

### **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**