



## NTHRYS WORKSHOPS

# Introduction To Biochemistry

### 8:45 AM - 10:15 AM: Session 1: Basics of Biochemistry

Overview of biochemistry and its importance.  
Introduction to biomolecules, including proteins, lipids, carbohydrates, and nucleic acids.

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

Networking and refreshments.

### 10:30 AM - 12:00 PM: Session 2: Enzymes and Catalysis

Hands-on training on enzyme kinetics and catalysis.  
Practical session on measuring enzyme activity and inhibition.

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

Catered lunch and networking opportunity.

### 1:00 PM - 2:30 PM: Session 3: Metabolism and Bioenergetics

Overview of metabolic pathways and energy production.  
Practical exercises on studying metabolic flux and energy balance.

**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 Biochemistry**

Discussion on real-world case studies in biochemistry.

Analysis of biochemical research in health, disease, and biotechnology.

**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**