



NTHRYS WORKSHOPS

Introduction To Enzymology

8:45 AM - 10:15 AM: Session 1: Fundamentals of Enzymology

Overview of enzyme structure and function.
Hands-on session on enzyme kinetics and mechanisms.
Introduction to enzyme classification and nomenclature.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Enzyme Assays and Activity Measurement

Interactive session on different types of enzyme assays.
Workshop on measuring enzyme activity and specificity.
Practical demonstration of spectrophotometric assays.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Enzyme Inhibition and Regulation

Exploring mechanisms of enzyme inhibition and regulation.

Hands-on training on studying enzyme inhibitors.
Case studies on enzyme regulation in metabolic pathways.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Industrial Applications of Enzymes

Workshop on the use of enzymes in industrial processes.
Practical techniques for enzyme immobilization and stabilization.
Case studies on commercial enzyme applications in various industries.

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