



NTHRYS WORKSHOPS

Innovations In Enzymology

8:45 AM - 10:15 AM: Session 1: Novel Enzyme Discovery

Introduction to techniques for discovering novel enzymes.
Hands-on session on metagenomics and enzyme mining.
Case studies on the discovery of new enzymes from extreme environments.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Enzyme Evolution and Diversity

Exploring the evolution and diversity of enzyme functions.
Workshop on studying enzyme evolution using phylogenetics.
Case studies on functional diversity in enzyme families.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Enzymes in Synthetic Biology

Hands-on session on using enzymes in synthetic biology.

Exploring techniques for designing synthetic metabolic pathways.
Case studies on synthetic biology applications of enzymes.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Trends in Enzymology

Discussion on emerging trends and technologies in enzymology.
Workshop on integrating new technologies in enzyme research.
Case studies on the future impact of enzymology innovations.

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