



NTHRYS WORKSHOPS

Innovations In Fermentation Technology

8:45 AM - 10:15 AM: Session 1: Synthetic Biology in Fermentation

Introduction to synthetic biology approaches in fermentation.
Hands-on session on designing synthetic organisms for fermentation.
Case studies on applications of synthetic biology in fermentation technology.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: CRISPR and Gene Editing

Exploring the use of CRISPR and gene editing in fermentation.
Workshop on modifying microbial genomes for improved fermentation performance.
Case studies on the impact of gene editing on fermentation processes.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Industrial Biotechnology and Fermentation

Hands-on session on using industrial biotechnology in fermentation.

Exploring techniques for large-scale production of bio-based products.
Case studies on the integration of industrial biotechnology in fermentation technology.

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 Fermentation Technology

Discussion on emerging trends and future directions in fermentation technology.
Workshop on integrating new technologies in fermentation processes.
Case studies on the potential impact of future innovations in fermentation technology.

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