



NTHRYS WORKSHOPS

Innovations In Experimental Biotechnology

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Experimental Biotechnology

Introduction to emerging technologies for experimental research.
Hands-on session on using nanotechnology in biotechnology.
Case studies on innovative applications of new technologies.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Synthetic Biology and Biotechnology

Exploring the role of synthetic biology in experimental research.
Workshop on designing and constructing synthetic biological systems.
Case studies on the applications of synthetic biology in biotechnology.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: AI and Machine Learning in Experimental Biotechnology

Hands-on session on using AI and machine learning for experimental design.
Exploring the development of predictive models for experimental data.
Case studies on the application of AI in biotechnology research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Experimental Biotechnology

Discussion on emerging trends and future directions in experimental biotechnology.
Workshop on integrating new technologies in experimental research.
Case studies on the potential impact of future 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