



NTHRYS WORKSHOPS

Advanced Techniques In Biotechnology

8:45 AM - 10:15 AM: Session 1: Genetic Engineering and CRISPR

Introduction to genetic engineering and CRISPR technology.
Practical demonstration of gene editing techniques.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Bioinformatics and Computational Biology

Overview of bioinformatics tools in biotechnology.
Hands-on workshop on using bioinformatics software for data analysis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Bioprocess Optimization

Introduction to bioprocess optimization techniques.
Practical session on optimizing fermentation and downstream processing.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Regulatory and Ethical Issues in Biotechnology

Discussion on regulatory and ethical considerations.

Case studies on navigating regulatory requirements and ethical dilemmas in 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