



NTHRYS WORKSHOPS

Innovations In Gene Cloning And Genetic Engineering

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Genetic Engineering

Introduction to emerging technologies in genetic engineering.
Hands-on session on using advanced tools and techniques for gene editing.
Case studies on innovative applications of new technologies in genetic engineering.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Genetic Engineering

Exploring the role of AI and machine learning in genetic engineering.
Workshop on developing predictive models for gene function analysis.
Case studies on the application of AI in genetic engineering research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Genetic Engineering

Hands-on session on integrating multi-omics data in genetic engineering.
Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in genetic 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 Genetic Engineering

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

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