



NTHRYS WORKSHOPS

Introduction To Gene Cloning And Genetic Engineering

8:45 AM - 10:15 AM: Session 1: Basics of Gene Cloning

Overview of gene cloning principles and applications.
Hands-on session on DNA extraction and cloning.
Introduction to the importance of cloning in genetic research.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Techniques in Genetic Engineering

Interactive session on genetic engineering techniques.
Workshop on using CRISPR, TALENs, and other gene editing tools.
Practical demonstration of gene editing processes.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Vector Design and Construction

Exploring techniques for designing and constructing vectors.
Hands-on training on vector selection and construction.
Case studies on the use of vectors in genetic engineering.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Applications of Gene Cloning and Genetic Engineering

Workshop on various applications of gene cloning and genetic engineering.
Practical techniques for studying gene function and expression.
Case studies on the use of genetic engineering in biotechnology and medicine.

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