



NTHRYS WORKSHOPS

Practical Techniques In Rdna Technology

8:45 AM - 10:15 AM: Session 1: Introduction to rDNA Technology

Overview of recombinant DNA technology and its applications.
Techniques for creating recombinant DNA.
Case studies on rDNA technology in various fields.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Cloning and Expression Vectors

Techniques for using cloning and expression vectors.
Practical session on designing and constructing vectors.
Discussion on optimizing cloning strategies.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Gene Editing with CRISPR

Introduction to CRISPR gene editing technology.

Practical demonstration of CRISPR-Cas9 techniques.
Case studies on gene editing applications.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies and Applications

Review of significant case studies in rDNA technology.
Applications in medicine, agriculture, and industry.
Future trends and research directions.

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