



NTHRYS WORKSHOPS

Advanced Techniques In Red Biotechnology

8:45 AM - 10:15 AM: Session 1: Advanced Genetic Engineering

Advanced techniques for genetic engineering.
Practical session on CRISPR-Cas9 and other gene editing tools.
Troubleshooting and optimizing genetic modifications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Protein Engineering

Overview of protein engineering methods.
Practical session on designing and producing engineered proteins.
Case studies on protein engineering applications.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Regenerative Medicine

Using red biotechnology in regenerative medicine.

Practical session on stem cell culture and differentiation.
Case studies on regenerative medicine breakthroughs.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biotechnology in Red Biotechnology

Strategies for integrating biotechnology in red biotechnology.
Case studies on biotechnological applications.
Future trends and challenges in the field.

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