



NTHRYS WORKSHOPS

Advanced Techniques In Animal Biotechnology

8:45 AM - 10:15 AM: Session 1: CRISPR and Gene Editing in Animals

Introduction to CRISPR-Cas9 technology for gene editing.
Practical demonstration of gene editing in animal models.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Animal Genomics and Proteomics

Overview of genomics and proteomics in animal research.
Hands-on workshop on sequencing and protein analysis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biotechnology in Animal Health

Applications of biotechnology in veterinary medicine.

Practical session on developing vaccines and therapeutics.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Animal Biotechnology in Agriculture

Discussion on the use of biotechnology in livestock improvement.
Case studies on enhancing animal traits through genetic modification.

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