



NTHRYS WORKSHOPS

Introduction To Embryomics

8:45 AM - 10:15 AM: Session 1: Basics of Embryology

Overview of embryonic development stages.
Hands-on session on observing embryonic structures.
Introduction to the molecular basis of embryogenesis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genetic Regulation in Embryogenesis

Interactive session on gene expression during development.
Workshop on using genetic tools to study embryogenesis.
Practical demonstration of gene editing techniques in embryos.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Embryo Culture Techniques

Exploring in vitro fertilization and embryo culture methods.

Hands-on training on culturing and manipulating embryos.
Case studies on advancements in embryo culture technologies.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Ethical Issues in Embryomics

Workshop on the ethical considerations in embryonic research.
Discussion on legal and societal implications.
Case studies on ethical dilemmas in embryomics.

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