



NTHRYS WORKSHOPS

Innovations In Epigenomics

8:45 AM - 10:15 AM: Session 1: Emerging Technologies in Epigenomics

Introduction to emerging technologies for studying epigenetics.
Hands-on session on CRISPR-based epigenome editing.
Case studies on innovative applications of epigenomic technologies.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Epigenetic Biomarkers

Exploring the discovery and application of epigenetic biomarkers.
Workshop on identifying and validating biomarkers for disease diagnosis.
Case studies on the use of epigenetic biomarkers in clinical practice.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Epigenomics and Environmental Influences

Hands-on session on studying the impact of environmental factors on the epigenome.

Exploring techniques for analyzing epigenetic responses to environmental exposures.
Case studies on the role of epigenetics in environmental health.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Directions in Epigenomics

Discussion on emerging trends and future directions in epigenomics.
Workshop on integrating new technologies in epigenomic research.
Case studies on the potential impact of epigenomics on medicine and biology.

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