



NTHRYS WORKSHOPS

Advanced Techniques In Epigenomics

8:45 AM - 10:15 AM: Session 1: High-Throughput Epigenomic Profiling

Introduction to high-throughput techniques for epigenomic profiling.
Hands-on session on next-generation sequencing for epigenetics.
Practical demonstration of data analysis and interpretation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Single-Cell Epigenomics

Exploring single-cell epigenomics and its applications.
Workshop on isolating and profiling epigenetic changes at the single-cell level.
Case studies on insights gained from single-cell epigenomics.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Computational Epigenomics

Hands-on session on computational tools for epigenomic data analysis.

Exploring bioinformatics approaches for studying epigenetic landscapes.
Practical applications of computational epigenomics in research.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Epigenomics in Systems Biology

Workshop on integrating epigenomic data in systems biology.
Practical techniques for studying complex biological systems.
Case studies on systems biology approaches to epigenetics.

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