



NTHRYS WORKSHOPS

Advanced Techniques In Biomedical Sciences

8:45 AM - 10:15 AM: Session 1: Molecular and Cellular Biology

Introduction to advanced molecular and cellular biology techniques.
Practical demonstration of PCR, flow cytometry, and gene expression analysis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Biomedical Imaging and Diagnostics

Overview of biomedical imaging techniques.
Hands-on workshop on using MRI, CT scans, and other imaging modalities for medical diagnosis.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Biostatistics and Data Analysis

Introduction to biostatistics and data analysis in biomedical research.
Practical session on statistical methods and software tools for data analysis.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biomedical Engineering Applications

Discussion on the role of biomedical engineering in healthcare.

Case studies on the development and application of medical devices and technologies.

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