



NTHRYS WORKSHOPS

Innovations In Molecular Bioengineering

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

Introduction to emerging technologies in molecular bioengineering.
Hands-on session on using advanced tools and techniques in bioengineering research.
Case studies on innovative applications of new technologies in molecular bioengineering.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: AI and Machine Learning in Bioengineering

Exploring the role of AI and machine learning in molecular bioengineering.
Workshop on developing predictive models using AI and ML.
Case studies on the applications of AI in enhancing bioengineering research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Integrative Omics in Bioengineering

Hands-on session on integrating multi-omics data in molecular bioengineering.
Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in bioengineering research.

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 Molecular Bioengineering

Discussion on emerging trends and future directions in molecular bioengineering.
Workshop on integrating new technologies in bioengineering research.
Case studies on the potential impact of future innovations in molecular bioengineering.

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