Innovations In Nanotechnology

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

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

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 Nanotechnology

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

Hands-on session on integrating multi-omics data in nanotechnology research.

Exploring techniques for combining genomics, proteomics, and metabolomics.
Practical applications of integrative omics in advancing nanotechnology.

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 Nanotechnology

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

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