



NTHRYS WORKSHOPS

Synthetic Biological Circuits In Medicine

8:45 AM - 10:15 AM: Session 1: Gene Therapy Circuits

Introduction to gene therapy using synthetic biological circuits.
Case studies on successful gene therapy circuits.
Practical session on designing and implementing gene therapy circuits.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Diagnostic Circuits

Techniques for developing diagnostic circuits using synthetic biology.
Case studies on diagnostic applications.
Practical session on producing diagnostic circuits.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Therapeutic Circuits

Using synthetic biological circuits in therapeutic applications.

Case studies on therapeutic circuits.

Practical session on screening and optimizing therapeutic circuits.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Future Challenges in Medical Applications

Discussion on future challenges and opportunities in synthetic biological circuits for medicine.

Strategies for addressing these challenges.

Networking session for collaborative solutions.

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