



NTHRYS WORKSHOPS

Synthetic Biology In Medicine

8:45 AM - 10:15 AM: Session 1: Gene Therapy and Synthetic Biology

Introduction to gene therapy using synthetic biology.
Case studies on successful gene therapy applications.
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 Tools

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

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

Catered lunch and networking opportunity.

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

Using synthetic biology 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 biology 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