



NTHRYS WORKSHOPS

Advanced Techniques In Synthetic Genomics

8:45 AM - 10:15 AM: Session 1: Advanced Genome Design

Advanced techniques for designing synthetic genomes.
Practical session on using advanced design software.
Troubleshooting and optimizing genome designs.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Genome Synthesis and Assembly

Overview of genome synthesis and assembly methods.
Practical session on synthesizing and assembling large genomes.
Case studies on genome synthesis projects.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Functional Genomics in Synthetic Biology

Using functional genomics to study synthetic genomes.

Practical session on gene expression analysis.
Case studies on functional genomics applications.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Biotechnology in Synthetic Genomics

Strategies for integrating biotechnology in synthetic genomics.
Case studies on biotechnological applications.
Future trends and challenges in the field.

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