



NTHRYS WORKSHOPS

Advanced Techniques In Archaea Microbiology

8:45 AM - 10:15 AM: Session 1: Genomics of Archaea

Introduction to archaeal genomics and bioinformatics.
Practical demonstration of genome sequencing and annotation.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Metabolic Pathways in Archaea

Overview of unique metabolic pathways in archaea.
Hands-on workshop on studying archaeal metabolism and enzyme activity.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Environmental Archaea Microbiology

Introduction to the role of archaea in various ecosystems.

Practical session on analyzing archaeal communities in environmental samples.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Industrial Applications of Archaea

Discussion on the use of archaea in industrial processes.

Case studies on biotechnological applications of archaea in biotechnology and 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