



NTHRYS WORKSHOPS

Emerging Trends In Archaea Microbiology

8:45 AM - 10:15 AM: Session 1: Archaea in Biotechnology

Introduction to the biotechnological potential of archaea.
Practical session on harnessing archaeal enzymes and metabolic pathways for industrial applications.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Extremophiles and Astrobiology

Overview of extremophilic archaea and their relevance to astrobiology.
Hands-on workshop on studying extremophiles and their survival mechanisms.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Synthetic Biology and Archaea

Discussion on the applications of synthetic biology in archaea research.
Practical exercises on designing synthetic biology experiments with archaea.

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 Archaea Research

Exploration of future trends and innovations in archaea research.
Case studies on cutting-edge research and its applications.

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