



NTHRYS WORKSHOPS

Algal Biotechnology For Sustainable Solutions

8:45 AM - 10:15 AM: Session 1: Algal Cultivation for Biofuel Production

Hands-on workshop on algal cultivation protocols.

Practical session on optimizing algal growth for biofuel production, including lipid extraction methods.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Carbon Sequestration Using Algae

Practical session on using algae for carbon sequestration.

Protocols for monitoring and enhancing carbon capture in algal cultures.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Algal Wastewater Treatment

Hands-on workshop on wastewater treatment using algae.
Protocols for nutrient removal and monitoring algal performance in bioreactors.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Algal Bioproducts for Industry

Practical session on producing high-value bioproducts from algae.
Protocols for extracting pigments, proteins, and bioactive compounds for industrial 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