



Cellular Microbiology Workshops

Cellular Microbiology Workshops

NTHRYS BIOTECH LABS provides a diverse array of workshops in the realm of Cellular Microbiology. Explore our comprehensive offerings below

[Cellular Microbiology Workshops Application Process](#)

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Dive into Discovery: Select Your Cellular Microbiology Adventure Below!

1. [Workshop in Introduction to Cellular MicrobiologyPDF](#)
2. [Workshop in Advanced Techniques in Cellular MicrobiologyPDF](#)
3. [Workshop in Emerging Trends in Cellular MicrobiologyPDF](#)

1. Workshop in Introduction to Cellular Microbiology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Basics of Cellular Microbiology

Overview of cellular microbiology and its significance.

Introduction to the interactions between microorganisms and host cells.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Pathogen-Host Interactions

Hands-on training on studying pathogen-host interactions.

Practical session on techniques for analyzing microbial infections at the cellular level.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Cellular Responses to Infection

Overview of cellular responses to microbial infections.

Practical exercises on studying immune responses and cellular defense mechanisms.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Case Studies in Cellular Microbiology

Discussion on real-world case studies in cellular microbiology.

Analysis of cellular microbiology research in infectious diseases and biotechnology.

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

2. Workshop in Advanced Techniques in Cellular Microbiology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.
Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Advanced Microscopy Techniques

Introduction to advanced microscopy techniques in cellular microbiology.
Practical demonstration of fluorescence and electron microscopy.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Cell Culture and Infection Models

Overview of cell culture methods and infection models.

Hands-on workshop on culturing cells and establishing infection models for research.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Molecular Techniques in Cellular Microbiology

Introduction to molecular techniques used in cellular microbiology.

Practical session on using PCR, Western blotting, and other molecular methods.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Cellular Microbiology in Drug Discovery

Discussion on the role of cellular microbiology in drug discovery.

Case studies on using cellular microbiology techniques to identify and test new antimicrobial agents.

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

3. Workshop in Emerging Trends in Cellular Microbiology

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Date: Pre Selected Date

Fee: Rs 6000/-

Duration: One Day

Mode: Offline and Virtual

Location for Offline: NBL Cherlapalli IDA Branch

Facilitator(s): NTHRYS TEAM

8:00 AM - 8:30 AM: Registration and Welcome Coffee

Participants arrive, register, and network over coffee.

8:30 AM - 8:45 AM: Opening Remarks

Welcome by the host.

Brief overview of today's focus.

8:45 AM - 10:15 AM: Session 1: Single-Cell Analysis in Microbiology

Introduction to single-cell analysis techniques in microbiology.

Practical session on single-cell RNA sequencing and data analysis.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Host-Microbiome Interactions

Overview of host-microbiome interactions and their significance.

Hands-on workshop on analyzing the impact of the microbiome on host health and disease.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: CRISPR and Genome Editing in Microbiology

Discussion on the use of CRISPR and other genome editing technologies in microbiology.

Practical exercises on applying genome editing techniques to study microbial infections.

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 Cellular Microbiology

Exploration of future trends and innovations in cellular microbiology.

Case studies on cutting-edge research and its impact on the field of microbiology.

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

Note: NTHRYS Management reserves the right to modify the workshop module at any time without prior notice. Registered or enrolled candidates will receive the module that is current on the day of enrollment.

NTHRYS Workshops Department

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Cellular Microbiology Workshops Application Process

1. Select a workshop from the list.
2. Contact via whatsapp on the number present above to request fee details and dates suitable for joining. Alternatively, you can send an email to workshops (a t) nthrys [d o t] com.
3. Our Workshop department will contact you promptly to provide further assistance.