Mindluster Platform

About the course Bacterial cell culture

Course Presenter : Bio science

Bacterial cell culture, in this course we will learn about Bacterial Cell Culture. Bacterial cell culture is a fundamental technique in microbiology and biotechnology that involves growing bacterial cells under controlled conditions. This course provides a comprehensive guide to culturing bacteria, from preparing sterile media and selecting appropriate growth environments to inoculation techniques and incubation parameters. You'll explore different culture methods, including liquid (broth) and solid (agar) media, and learn about aerobic and anaerobic culturing. The course also covers important aspects such as aseptic techniques, bacterial growth phases, contamination prevention, and colony morphology analysis. Whether you're working in research, diagnostics, or industry, mastering bacterial culture techniques is essential for experiments, antibiotic testing, genetic engineering, and bioproduction. Through demonstrations and scientific explanations, youâ€™ll gain the practical skills and theoretical knowledge needed to culture and analyze bacteria effectively and safely. Bio science

Medical Category's Courses

Course Lesson(13)

Lesson 1 : **STRUCTURE OF BACTERIA BY PHANINDRA GUPTHA**

Lesson 2 : **LYTIC CYCLE BY PHANINDRA GUPTHA**

Lesson 3 : **CONJUGATION IN E coli BACTERIA BY PHANINDRA GUPTHA**

Lesson 4 : **EUKARYOTES AND PROKARYOTES CELL BIOLOGY BY PHANINDRA GUPTHA**

Lesson 5 :
WHICH TOPIC ARE YOU FEELING DIFFICULT REGARDING BIOLOGY BY PHANINDRA GUPTHA

Lesson 6 : **Gram staining procedure Gram positive bacteria and Gram negative bacteria Bio science**

Lesson 7 : **Bacterial growth curve Explained**

Lesson 8 : **Cultivation of bacteria and culture media Nutrient media Bio science**

Lesson 9 : **Cultivation of bacteria and culture media Nutrient media Bio science**

Lesson 10 :
Bacterial cell culture methods Streak plate spread plate and pour plate methods Bio science

Lesson 11 :
Bacterial cell culture methods Streak plate spread plate and pour plate methods Bio science

Lesson 12 : **Black fungus Mucormycosis Symptoms Black fungus vs Covid 19 Bio science**

Lesson 13 :
Candidiasis Vaginal candidiasis Cutaneous candidiasis Oral candidiasis Causes and Symptoms

Related courses

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