Mindluster Platform

About the course Fermentation process

Course Presenter : Bio science

Fermentation process, in this course Start the Fermentation Process Course and explore one of the most essential biological processes in biotechnology and food science. In this course, we will learn about the basics and applications of fermentation, the types of fermentation such as alcoholic and lactic acid fermentation, and the role of microorganisms like yeast and bacteria in transforming organic compounds. We will cover batch, fed-batch, and continuous fermentation methods, as well as key equipment like bioreactors and fermenters. Youâ€™ll also understand the importance of fermentation in industries such as pharmaceuticals, food and beverage, and biofuel production. Topics like sterilization, nutrient media, and downstream processing will be discussed in detail. Whether you're a beginner in biology or someone looking to apply fermentation in real-world projects, this course will provide a strong foundation in the science and techniques behind fermentation. Let's begin your journey into microbial transformation and industrial innovation. Bio science

Medical Category's Courses

Course Lesson(11)

Lesson 1 :
Fermentation process Working of Fermenter Nutrient medium for fermentation Bioreactor

Lesson 2 : **Production of Citric acid and Lactic acid by fermentation Organic acids Bio science**

Lesson 3 : **Production of Glutamic acid and Aspartic acid by fermentation Bio science**

Lesson 4 : **Production of streptomycin by fermentation Procedure involved Bio science**

Lesson 5 :
Preperation of wine by fermentation in industries Production of wine Grape wine Bio science

Lesson 6 :
Preperation of Beer Production of Beer by fermentation Alcohol production by fermentation

Lesson 7 : **Production of cheese by fermentation Preperation of cheese Bio science**

Lesson 8 : **Production of yogurt by fermentation Preperation of yogurt Bio science**

Lesson 9 :
Production of Human growth hormone by rDNA technology Recombinant growth hormone or somatotropin

Lesson 10 : **Methane production Biogas plant Working Mechanism Methanogens Biogas production**

Lesson 11 : **Submerged fermentation process Fed batch and continuous fermentation Bio science**

Related courses

Infection Control

Male Reproductive

Anatomy

Pharynx

Endocrine

General Embryology

for Business Contact
business@mindluster.com