Mindluster Platform

About the course Gene therapy

Course Presenter : Bio science

Gene therapy, in this course Start the Gene Therapy Course and explore one of the most promising frontiers in modern medicine. In this course, we will learn about the principles and types of gene therapy, including somatic and germline therapy, as well as in vivo and ex vivo approaches. Youâ€™ll discover how faulty or missing genes can be corrected, replaced, or silenced to treat a variety of genetic disorders and chronic conditions. The course covers delivery systems such as viral vectors (like adenoviruses and lentiviruses) and non-viral methods. We'll also dive into advanced tools like CRISPR-Cas9 for precise gene editing. Real-world applications, case studies, ethical concerns, and clinical trial insights will be discussed to connect theory with practice. Whether youâ€™re a student, researcher, or healthcare professional, this course will provide you with essential knowledge to understand how gene therapy is reshaping the future of medicine. Let's begin this exciting journey into genetic healing. Bio science

Medical Category's Courses

Course Lesson(5)

Lesson 1 : **MITOSIS BIOTECHNOLOGY BY PHANINDRA**

Lesson 2 : **MEIOSIS I BIOTECHNOLOGY BY PHANINDRA**

Lesson 3 : **MEIOSIS II**

Lesson 4 :
WHICH TOPIC ARE YOU FEELING DIFFICULT REGARDING BIOLOGY BY PHANINDRA GUPTHA

Lesson 5 :
Gene therapy In Vivo Gene therapy Ex Vivo Gene therapy Types of Gene therapy Bio science

Related courses

Infection Control

Male Reproductive

Anatomy

Pharynx

Endocrine

General Embryology

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