Mindluster Platform

About the course Virus structure

Course Presenter : Bio science

Virus structure, in this course we will learn about Virus Structure. Viruses are microscopic infectious agents with unique structural features that distinguish them from other life forms. This course explores the fundamental components of viruses, including the capsid (protein coat), nucleic acid core (either DNA or RNA), and, in some viruses, a surrounding lipid envelope. We will examine the diversity of viral shapesâ€”such as icosahedral, helical, and complexâ€”and how these structures affect infectivity and replication. Youâ€™ll also learn about viral symmetry, the role of capsomeres, and the significance of structural proteins. Special attention will be given to the differences between enveloped and non-enveloped viruses, and how these features influence virus-host interactions. Through detailed diagrams and models, this course aims to provide a clear understanding of viral architecture, helping learners grasp how viruses invade host cells and propagate. Ideal for students in biology, microbiology, and health sciences. Bio science

Medical Category's Courses

Course Lesson(13)

Lesson 1 : **LYTIC CYCLE BY PHANINDRA GUPTHA**

Lesson 2 : **STRUCTURE OF TMV Tobaco Mosaic Virus BY PHANINDRA GUPTHA**

Lesson 3 : **STRUCTURE OF T EVEN BACTERIOPHAGE BY PHANINDRA GUPTHA**

Lesson 4 : **STRUCTURE OF VIRUS BY PHANINDRA GUPTHA**

Lesson 5 : **LYSOGENIC CYCLE BY PHANINDRA GUPTHA**

Lesson 6 : **STRUCTURE AND MECHANISM OF HIV BY PHANINDRA GUPTHA**

Lesson 7 :
WHICH TOPIC ARE YOU FEELING DIFFICULT REGARDING BIOLOGY BY PHANINDRA GUPTHA

Lesson 8 : **Structure and composition of virus One step growth of virus**

Lesson 9 : **Covid 19 Corona virus Structure and Pathophysiology Bio science**

Lesson 10 :
Gene therapy In Vivo Gene therapy Ex Vivo Gene therapy Types of Gene therapy Bio science

Lesson 11 : **Black fungus Mucormycosis Symptoms Black fungus vs Covid 19 Bio science**

Lesson 12 : **Delta Covid variant New corona variant Covid 19 Symptoms Bio science**

Lesson 13 : **Omicron variant Detail study Bio science**

Related courses

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