Mindluster Platform

About the course Cell Membrane Functions

Cell Membrane course, in this course we explore the structure, composition, and functions of the cell membrane, a vital component of all cells. From the fluid mosaic model to membrane transport mechanisms, we analyze how the cell membrane regulates the passage of molecules and ions in and out of the cell. Additionally, we examine the role of membrane proteins in cell signaling, adhesion, and recognition. Through theoretical discussions and practical applications, students gain a comprehensive understanding of the cell membrane's significance in maintaining cellular homeostasis and mediating interactions with the extracellular environment.

Medical Category's Courses

Course Lesson(12)

Lesson 1 : **Cells Overview**

Lesson 2 : **DNA Structure**

Lesson 3 : **DNA Forces maintaining structure**

Lesson 4 : **DNA replication**

Lesson 5 : **Endocytosis**

Lesson 6 : **Cell Membrane The Lipid Bilayer**

Lesson 7 : **Cell Cycle Overview Interphase**

Lesson 8 : **Cell Cycle Mitosis**

Lesson 9 : **Transcription and Translation Overview**

Lesson 10 : **Cell fates Division Senescence and Death**

Lesson 11 : **Epigenetics An Introduction**

Lesson 12 : **Cellular Adaptation hyperplasia hypertrophy atrophy and metaplasia cell injury**

Related courses

Infection Control

Male Reproductive

Anatomy

Pharynx

Endocrine

General Embryology

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