Mindluster Platform

About the course Carbohydrates

Course Presenter : Bio science

Carbohydrates, in this course we will learn about carbohydrates in depth, starting from their basic structure and classification to their vital roles in human nutrition and metabolism. You will understand the differences between monosaccharides, disaccharides, and polysaccharides, and explore their chemical composition and biological functions. We will also cover how carbohydrates are digested, absorbed, and utilized by the body for energy. Additionally, this course will explore the impact of carbohydrates on blood sugar levels, insulin response, and their importance in a balanced diet. Through visual explanations and real-life examples, you will gain a clear understanding of healthy and unhealthy carbohydrate sources, the role of fiber, and how to apply this knowledge to daily life and diet planning. Whether you're a student, a health professional, or just curious, this course provides a solid foundation in the science of carbohydrates. Letâ€™s begin the Carbohydrates course now. Bio science

Medical Category's Courses

Course Lesson(14)

Lesson 1 : **CHAPTER CARBOHYDRATES part 1 BIOCHEMISTRY BY PHANINDRA GUPTA**

Lesson 2 :
PART 2 ANOMERISM AND CYCLIC STRUCTURES OF MONOSACHRIDES BIOCHEMISTRY BY PHANINDRA GUPTA

Lesson 3 : **PART 3 REACTIONS OF MONOSACHRIDES BIOCHEMISTRY BY PHANINDRA GUPTA**

Lesson 4 :
PART 4 REACTIONS WITH MINERAL ACIDS CARBOHYDRATES BIOCHEMISTRY BY PHANINDRA GUPTA

Lesson 5 :
PART 5 MALTOSE AND LACTOSE DISACCHRIDES BIOCHEMISTRY BY PHANINDRA GUPTA

Lesson 6 :
PART 6 SUCROSE AND TREHALOSE DISACCHRIDES BIOCHEMISTRY BY PHANINDRA GUPTA

Lesson 7 :
PART 7 STARCH GLYCOGEN CELLULOSE POLYSACHRIDES BIOCHEMISTRY BY PHANINDRA GUPTA

Lesson 8 :
PART 8 INULIN DEXTRINS PECTIN CHITIN POLYSACCHRIDES CARBOHYDRATES BIOCHEMISTRY

Lesson 9 : **PART 9 POLYSACCHRIDES CARBOHYDRATES BIOCHEMISTRY BY PHANINDRA GUPTA**

Lesson 10 :
WHICH TOPIC ARE YOU FEELING DIFFICULT REGARDING BIOLOGY BY PHANINDRA GUPTHA

Lesson 11 : **What is Chargaff s rule BY PHANINDRA GUPTHA**

Lesson 12 :
Interconversion of D glucose to D arabinose by Ruffs degradation Aldohexose to Aldopentose

Lesson 13 :

Kiliani Fischer synthesis Interconversion of Aldopentose to Aldohexose Arabinose to Glucose

Lesson 14 :
Lobry de Bruynâ€“van Ekenstein rearrangement D fructose to D glucose and D mannose Bio science

Related courses

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