Mindluster Platform

About the course Genetic Engineering Techniques

Genetic Engineering Techniques course in hindi, in this course Explore various methods and tools used to manipulate and modify genetic material for diverse applications in biotechnology and genetics.

Medical Category's Courses

Course Lesson(42)

Lesson 1 : **Genetic Engineering Theory and Application Intro Video**

Lesson 2 : **Lec 1 Cellular Structure Part I**

Lesson 3 : **Lec 2 Cellular Structure Part II**

Lesson 4 : **Lec 3 Cellular Structure Part III**

Lesson 5 : **Lec 4 Metabolic Reactions in Biological System**

Lesson 6 : **Lec 5 Growth Media For Different Expression System**

Lesson 7 : **Lec 6 Microbial Growth Kinetics**

Lesson 8 : **Lec 7 Isolation of a Gene Fragment Part I**

Lesson 9 : **Lec 8 Isolation of a Gene Fragment Part II**

Lesson 10 : **Lec 9 Isolation of a Gene Fragment Part III**

Lesson 11 : **Lec 10 Polymerase Chain Reaction**

Lesson 12 : **Lec 11 Molecular Tools for Cloning**

Lesson 13 : **Lec 12 Cloning Vectors I**

Lesson 14 : **Lec 13 Cloning Vectors II**

Lesson 15 : **Lec 14 DNA Delivery In Host I**

Lesson 16 : **Lec 15 DNA Delivery In Host II**

Lesson 17 : **Lec 16 Screening of Recombinant Clones**

Lesson 18 : **Lec 17 Protein Production in Host I**

Lesson 19 : **Lec 18 Protein Production in Host II**

Lesson 20 : **Lec 19 Protein Production in Host III**

Lesson 21 : **Lec 20 Product Recovery from Host Cells**

Lesson 22 : **Lec 21 Basics of Chromatography Part 1**

Lesson 23 : **Lec 22 Basics of Chromatography Part 2**

Lesson 24 : **Lec 23 Ion exchange Chromatography**

Lesson 25 : **Lec 24 Hydrophobic Interaction chromatography**

Lesson 26 : **Lec 25 Gel Filtration chromatography Part 1**

Lesson 27 : **Lec 26 Gel Filtration chromatography Part 2**

Lesson 28 : **Lec 27 Affinity Chromatography Part 1**

Lesson 29 : **Lec 28 Affinity Chromatography Part 2**

Lesson 30 : **Lec 29 Affinity Chromatography Part 3**

Lesson 31 : **Lec 30 Affinity Chromatography Part 4**

Lesson 32 : **Lec 31 Electrophoresis Part 1**

Lesson 33 : **Lec 32 Electrophoresis Part 2**

Lesson 34 : **Lec 33 Electrophoresis Part 3**

Lesson 35 : **Lec 34 Protein Sequencing**

Lesson 36 : **Lec 35 Spectroscopy Part I**

Lesson 37 : **Lec 36 Spectroscopy Part II**

Lesson 38 : **Lec 37 Biotechnology Applications Part 1**

Lesson 39 : **Lec 38 Biotechnology Applications Part 2**

Lesson 40 : **Lec 39 Biotechnology Applications Part 3**

Lesson 41 : **Lec 40 Summary and Conclusions Part 1**

Lesson 42 : **Lec 41 Summary and Conclusions Part 2**

Related courses

Infection Control

Male Reproductive

Anatomy

Pharynx

Endocrine

General Embryology

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