

105 Biology Animations

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2-D Gel Electrophoresis

A Biochemical Pathway

Action of DNA Gyrase

Action of Epinephrine on a Liver Cell

Action of Glucocorticoid Hormone

Action Potential Propagation in an Unmyelinated Axon

Active Transport by Group Translocation

ATP formation

Attenuation

Bacterial_Cell_Cycle

cDNA (Complementary DNA)

Cell Proliferation Signaling Pathway

Changes in the Partial Pressures of Oxygen and Carbon Dioxide

Changes in Chromosome Structure

Chemical Synapse

Chromatin Remodeling

Combination of Switches - the Lac Operon

Comparison of Meiosis and Mitosis



Conjugation Transfer of the F Plasmid

Constructing Vaccines

Control of Gene Expression in Eukaryotes

Control of The Cell Cycle

Cotransport (Symport and Antiport)

Cyclic and Noncyclic Photophosphorylation

Direct Repair

DNA Structure

Early Genetic Engineering Experiment

Effect of Sound Waves on Cochlear Structures

Electron Transport System and ATP Synthesis

ELISA

Endocytosis and Exocytosis

Epitopes

Evolution of Homologous Genes

Feedback Inhibition of Biochemical Pathways

FISH

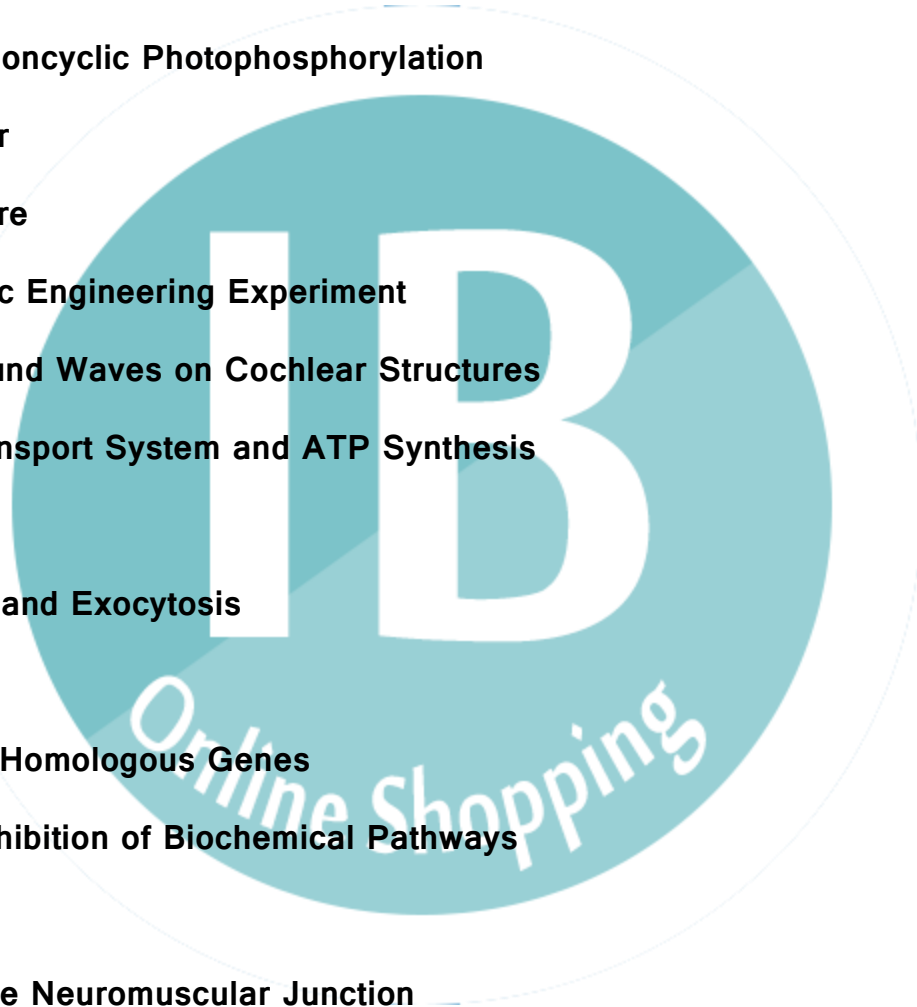
Funtion of the Neuromuscular Junction

Gene cloning

Group translocation

Hershey and Chase Experiment

Holliday Model



Horizontal Gene Transfer

How Enzymes Work

How Glycolysis Works

How Intracellular Receptors Regulate Gene Transcription

How Nucleotids are Added in DNA Replication

How Prions Arise

How Spliceosomes Process RNA

How the Calvin Cycle Works

How the Krebs Cycle Works

How the NAD⁺ Works

How Tumor Suppressor Genes Block Cell Division

Integration & Excision of a Plasmid

Lac Operon

Lysosomes

Malaria- Life Cycle of Plasmodium

Mechanism of Steroid Hormone Action

Mechanism of Thyroxine Action

Mechanism of Transposition

Meiosis I

Meiosis II

Meiosis With Crossing Over

Membrane-Bound Receptors, G Proteins, And Ca²⁺ Channels

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Meselson and Stahl Experiment

Methyl-directed Mismatch Repair

Microarray

Mitosis and Cytokinesis

Mitosis

mRNA Synthesis (Transcription)

Mutation

Nucleotide Excision Repair

PCR

Photosynthetic Electron Transport and ATP Synthesis

Processing of Gene Information - Prokaryotes vs Eukaryotes

Proofreading Function Of DNA Polymerase

Proton Pump1

Proton Pump2

Random Orientation of Chromosomes During Meiosis

Restriction Endonucleases

Restriction Fragment length Polymorphisms (RFLPs)

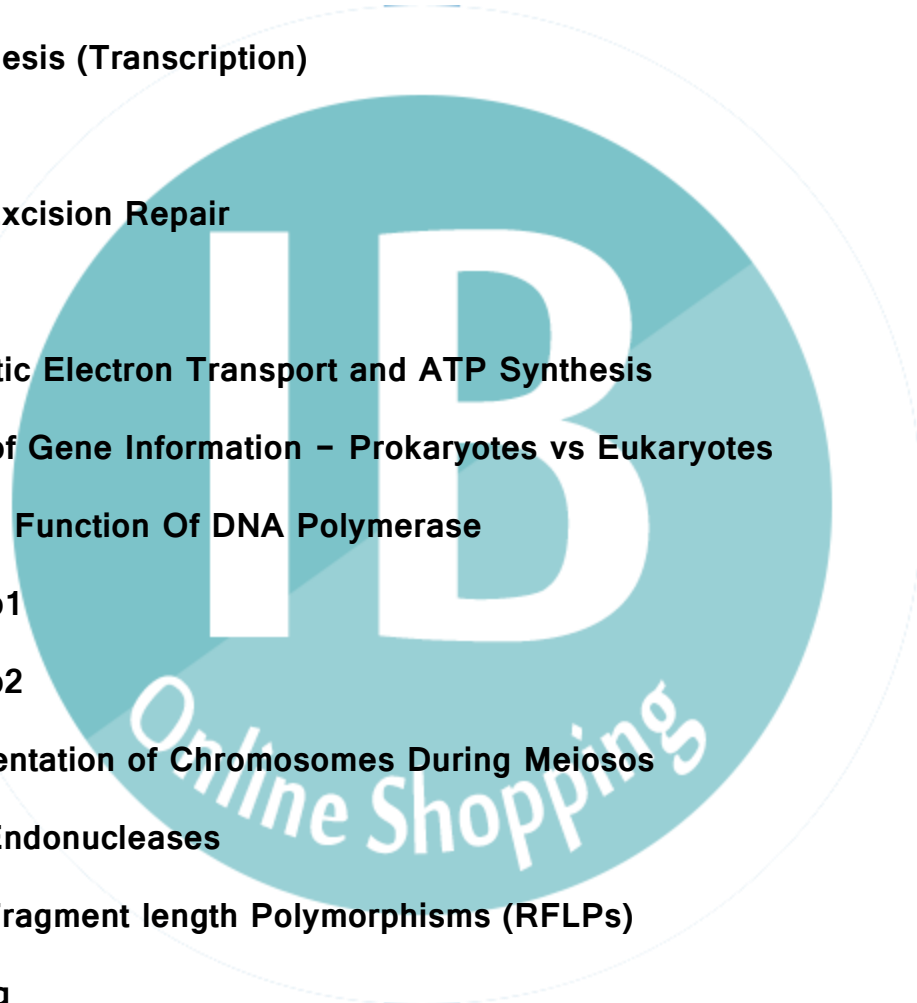
RNA Splicing

Sarcomere Shortening

Second Messengers The cAMP & Ca⁺⁺ Pathways

Signal Amplification

Simple Gene Expression



Simple Transposition

Simulation Of Genetic Drift

Slipped-Strand Mispairing

Sodium-Potassium Exchange Pump

Sodium-Potassium Exchange Pump2

Southern Blot

Spermatogenesis

Stages of Meiosis

Stages Of Transcription

Structural Basis of DNA Replication

Telomerase Function

The Consequence of Inversion

The Function Of Cohesin

The Tryptophan Repressor

Three Phases Gastric Secretion

Transcription Complex & Enhancers


Translation Elongation

Translation Initiation

Translation Termination

Voltage-Gated Channels and the Action Potential

X Inactivation

A large, semi-transparent watermark logo for 'IB' is centered on the page. The letters 'I' and 'B' are white and set against a teal circular background. The 'I' is a simple vertical bar, and the 'B' has a rounded top and a vertical bar on its right side. The logo is partially obscured by the text on the left side of the page.

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