



The World of the Cell

Wayne M. Becker , Jeff Hardin , Lewis J. Kleinsmith

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Continuing the tradition of its widely-praised previous editions, *The World of the Cell, 7/e*, covers some of the most difficult concepts for readers—bioinformatics, bioenergetics, metabolism, enzyme kinetics, thermodynamics, membrane transport, cell signaling, regulatory mechanisms, transcription and translation, signal transduction, and DNA replication and recombination—at the right level of depth and clarity. **KEY TOPICS:** A Preview of the Cell, The Chemistry of the Cell, The Macromolecules of the Cell, Cells and Organelles, Bioenergetics: The Flow of Energy in the Cell, Enzymes: The Catalysts of Life, Membranes: Their Structure, Function, and Chemistry, Transport Across Membranes: Overcoming the Permeability Barrier, Chemotrophic Energy Metabolism: Glycolysis and Fermentation, Chemotrophic Energy Metabolism: Aerobic Respiration, Phototrophic Energy Metabolism: Photosynthesis, The Endomembrane System and Peroxisomes, Signal Transduction Mechanisms: I. Electrical and Synaptic Signaling in Neurons, Signal Transduction Mechanisms: II. Messengers and Receptors, Cytoskeletal Systems, Cellular Movement: Motility and Contractility, Beyond the Cell: Cell Adhesion, Cell Junctions, and Extracellular Structures, The Structural Basis of Cellular Information: DNA, Chromosomes, and the Nucleus, The Cell Cycle, DNA Replication, and Mitosis, Sexual Reproduction, Meiosis, and Genetic Recombination, Gene Expression: I. The Genetic Code and Transcription, Gene Expression: II. Protein Synthesis and Sorting, The Regulation of Gene Expression, Cancer Cells, Principles and Techniques of Microscopy.

MARKET: For all readers interested in molecular biology.

The World of the Cell Details

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I think that is good book and i wont vary mage to read
