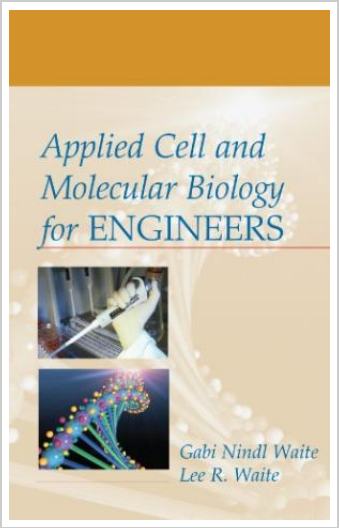

Applied Cell and Molecular Biology for Engineers

By -

McGraw-Hill Professional. Hardcover. Book Condition: New. Hardcover. 326 pages. A Guide to the Fundamentals and Latest Concepts of Molecular and Cell Biology Bridging the gap between biology and engineering, Applied Cell and Molecular Biology for Engineers uses clear, straightforward language to introduce you to the cutting-edge concepts of molecular and cell biology. Written by an international team of engineers and life scientists, this vital tool contains clinical focus boxes and applications boxes in each chapter to link biology and engineering in todays world. To help grasp complex material quickly and easily, a glossary is provided. Applied Cell and Molecular Biology for Engineers features: Clear descriptions of cell structures and functions Detailed coverage of cellular communication In-depth information on cellular energy conversion Concise facts on information flow across generations A succinct guide to the evolution of cells to organisms Inside This Biomedical Engineering Guide Biomolecules: Energetics Components of the cell Cell Morphology: Cell membranes Cell organelles Enzyme Kinetics: Steady-state kinetics Enzyme inhibition Cellular Signal Transduction: Receptor binding Apoptosis Energy Conversion: Cell metabolism Cell respiration Cellular Communication: Direct Local Long distance Cellular Genetics: DNA and RNA synthesis and repair Cell Division and Growth: Cell cycle Mitosis Stem cells Cellular Development: Germ cells...

Reviews

Basically no terms to clarify. It is actually writter in basic terms rather than confusing. I found out this ebook from my dad and i suggested this book to find out.

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