



Molecular Cell Biology for Dummies

By René Fester Kratz

For Dummies. Paperback. Book Condition: New. Paperback. 384 pages. Dimensions: 9.2in. x 7.3in. x 0.9in. Your hands-on study guide to the inner world of the cell. Need to get a handle on molecular and cell biology? This easy-to-understand guide explains the structure and function of the cell and how recombinant DNA technology is changing the face of science and medicine. You discover how fundamental principles and concepts relate to everyday life. Plus, you get plenty of study tips to improve your grades and score higher on exams! Explore the world of the cell, take a tour inside the structure and function of cells, and see how viruses attack and destroy them. Understand the stuff of life (molecules), get up to speed on the structure of atoms, types of bonds, carbohydrates, proteins, DNA, RNA, and lipids. Watch as cells function and reproduce, see how cells communicate, obtain matter and energy, and copy themselves for growth, repair, and reproduction. Make sense of genetics, learn how parental cells organize their DNA during sexual reproduction, and how scientists can predict inheritance patterns. Decode a cell's underlying programming, examine how DNA is read by cells, how it determines the traits of organisms, and how it is regulated by...



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