



## Cell and Molecular Biology Study Guide (Paperback)

By Mark Running

Cognella Academic Publishing, United States, 2012. Paperback. Book Condition: New. Study Guide. 254 x 178 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Clear, concise, and well-organized, the Cell and Molecular Biology Study Guide is an excellent learning tool for students of cellular and molecular biology. The sixteen chapters of the book follow a logical progression beginning with an introduction to cells and concluding with an overview of current techniques in cellular and molecular biology. Each brief chapter effectively separates core concepts, clarifying each individually and creating a set of building blocks that allow students to fully comprehend one aspect of the subject matter before moving on to the next. Topics in the guide include: Bioenergetics, Enzymes, and MetabolismThe Plasma MembraneThe Cytoskeleton and Cell MotilityDNA Replication and RepairCell Signaling and Signal TransductionThe book also covers aerobic respiration and mitochondria, photosynthesis, and the chloroplast, the nature of the gene and genome, gene expression, and cellular reproduction. Accessible and informative, Cell and Molecular Biology Study Guide can be used as a companion to standard textbooks in the field. It is also a useful reference tool for students new to the discipline or those looking for a quick review of...



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