



Biotechnology: Science for the New Millennium: Text with Encore CD, Lab Manual, and Lab Notebook (Paperback)

By Ellyn Daugherty

EMC Paradigm,US, United States, 2013. Paperback. Condition: New. Revised Edition. Language: English. Brand new Book. The new edition of Biotechnology: Science for the New Millennium is the perfect textbook and lab manual combination program for your classroom! Designed for introductory courses, this complete program teaches the concepts and hands-on lab procedures required for entry-level careers in the rapidly growing biotechnology industry. The textbook and lab manual can be used together or separately, depending on the desired course format. Thorough coverage of the concepts and processes of biotechnology research and manufacturing in the areas of pharmaceuticals, agriculture, industrial products, and instrumentation. Extensive discussion of genomics, microarrays, and proteomics. Exciting information on biotechnological advances in drug discovery, gene therapy, plant-based pharmaceuticals, forensics, and horticulture. Thought-provoking sidebars on bioethics, current events, regulations, emergent trends, recent advances, and research techniques. Substantial presentation of the business side of biotechnology, including opportunities and careers in academic, industrial, and regulatory biotechnology. Includes new and improved sections, projects, and lab activities that address current scientific methods and developments in the biotechnology industry! Updated statistics, figures, and photos.



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