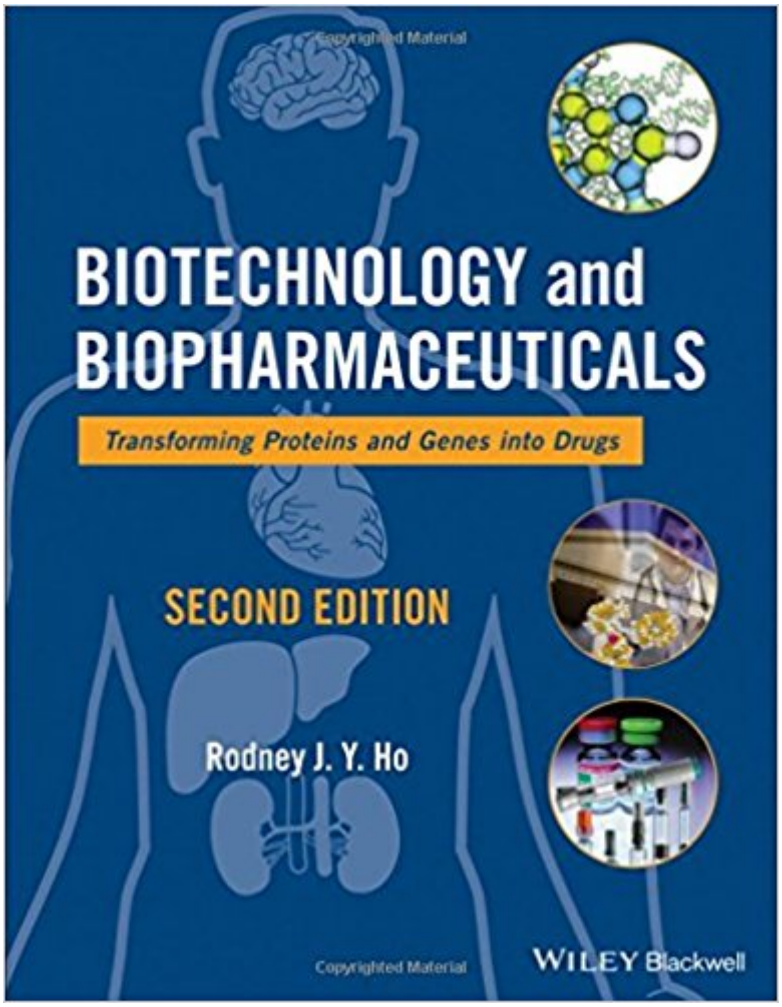
Biotechnology And Biopharmaceuticals: Transforming Proteins And Genes Into Drugs



Synopsis

Biotechnology and Biopharmaceuticals: Transforming Proteins and Genes into Drugs, Second Edition addresses the pivotal issues relating to translational science, including preclinical and clinical drug development, regulatory science, pharmaco-economics and cost-effectiveness considerations. The new edition also provides an update on new proteins and genetic medicines, the translational and integrated sciences that continue to fuel the innovations in medicine, as well as the new areas of therapeutic development including cancer vaccines, stem cell therapeutics, and cell-based therapies.

Book Information

Paperback: 744 pages
Publisher: Wiley-Blackwell; 2 edition (December 16, 2013)
Language: English
ISBN-10: 111817979X
ISBN-13: 978-1118179796
Product Dimensions: 8.3 x 1.4 x 10.9 inches
Shipping Weight: 4.1 pounds (View shipping rates and policies)
Average Customer Review: Be the first to review this item
Best Sellers Rank: #839,377 in Books (See Top 100 in Books) #19 inÃ Â Books > Medical Books > Pharmacology > Product Development #63 inÃ Â Books > Science & Math > Chemistry > Clinical #619 inÃ Â Books > Engineering & Transportation > Engineering > Bioengineering > Biotechnology

Customer Reviews

Ã¢â ¬Å“Overall, this book provides a valuable resource that can be utilized as a quick look-up guide and, more importantly, as an educational tool that can be used in strategic planning. The presentation style provides comprehensive information amenable to a diverse audience.Ã¢â ¬Â•Ã Â (Clinical Infectious Diseases, 30 October 2014)

The essential single source on drug discovery and biotechnology products—newly revised and updated Since the first edition of Biotechnology and Biopharmaceuticals was published, biotechnology has continued to drive therapeutic product development. The majority of new medicines coming on the market today are developed based on tools created by biotechnology—and healthcare providers who are concerned with optimum drug therapy need

to understand the principles underlying the discovery, development, and application of these biological drugs and therapies of the future. Biotechnology and Biopharmaceuticals: Transforming Proteins and Genes into Drugs, Second Edition addresses the pivotal issues relating to translational science, including preclinical and clinical drug development, regulatory science, pharmaco-economics, and cost-effectiveness considerations. It provides research pharmacologists, biopharmaceutical R&D personnel, toxicologists, and biotechnologists with cutting-edge research on new proteins and genetic medicines, the translational and integrated sciences that continue to fuel the innovations in medicine, as well as the new areas of therapeutic development, including cancer vaccines, stem cell therapeutics, and cell-based therapies. Presented in three parts, and containing several appendices, Biotechnology and Biopharmaceuticals: Integrates information from pharmacology, biotechnology, and the medical sciences Covers the science and art of transforming proteins and genes into drugs Offers new coverage of cell-based therapeutics, including stem cells and immune cell therapy Highlights the unique applications of biologics, proteins, and macromolecules as therapeutics Includes new chapters on the clinical trial and approval process of individualized medicine Discusses the future direction of the field Ideal for research pharmacologists, biopharmaceutical R&D personnel, toxicologists, and biotechnologists, Biotechnology and Biopharmaceuticals will also appeal to clinical pharmacologists, pharmacists, physicians, and health scientists.

Drugs: Illicit Uses for Everyday Drugs (Illicit and Misused Drugs) Percutaneous Absorption: Drugs--Cosmetics--Mechanisms--Methodology: Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences) New Drugs: Bath Salts, Spice, Salvia, & Designer Drugs (Downside of Drugs) Femdom: 3 Manuscripts: Making Him into My Slave Forever, Transforming Him into My Sissy Maid, and Extreme Relentless Torture Quality by Design for Biopharmaceuticals: Principles and Case Studies