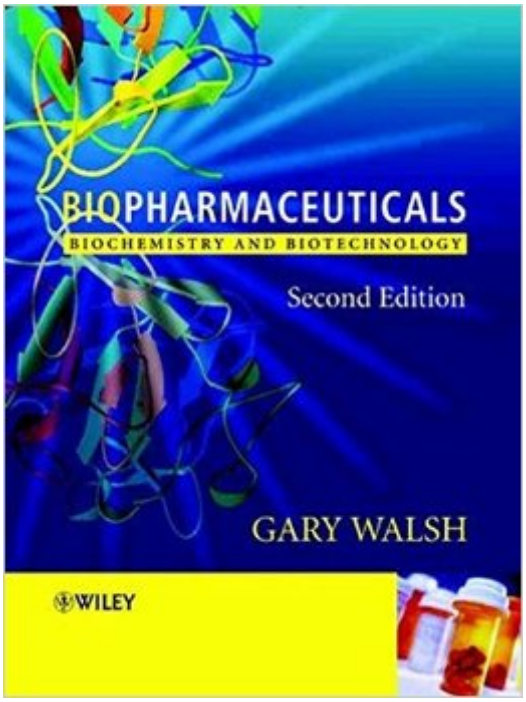
Biopharmaceuticals: Biochemistry And Biotechnology



Synopsis

The latest edition of this highly acclaimed textbook, provides a comprehensive and up-to-date overview of the science and medical applications of biopharmaceutical products. Biopharmaceuticals refers to pharmaceutical substances derived from biological sources, and increasingly, it is synonymous with 'newer' pharmaceutical substances derived from genetic engineering or hybridoma technology. This superbly written review of the important areas of investigation in the field, covers drug production, plus the biochemical and molecular mechanisms of action together with the biotechnology of major biopharmaceutical types on the market or currently under development. There is also additional material reflecting both the technical advances in the area and detailed information on key topics such as the influence of genomics on drug discovery.

Book Information

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Customer Reviews

The book is beautifully written with comprehensive coverage of all topics till the date of publication (2002-3). I wanted thorough knowledge of the field for a job and reading this book cover to cover has given me the confidence along with the knowledge that I do know something and will be able to navigate my way through "biopharmaceutical" waters!Some minor things have changed since then and even though I am not a biopharmaceutical person, these are some like, introduction of virus removal filters, CDER being the FDA arm where most biopharmaceutical NDAs are approved, SiRNA technology (it probably just came out in 2002 and was after publication).Just loved the book. Every Technical Book should be written in the same lucid comprehensive way, Dr. Walsh has

written this book. I salute him and this book. Highly recommended.

Biopharmaceuticals: Biochemistry and Biotechnology Biotechnology and Biopharmaceuticals: Transforming Proteins and Genes into Drugs Understanding Biopharmaceuticals: Manufacturing and Regulatory Issues Biophysical Characterization of Proteins in Developing Biopharmaceuticals Applied Biopharmaceutics & Pharmacokinetics, Sixth Edition (Shargel, Applied Biopharmaceuticals & Pharmacokinetics) Quality Assurance for Biopharmaceuticals High-Tech and Micropropagation IV (Biotechnology in Agriculture and Forestry) High-Tech and Micropropagation VI (Biotechnology in Agriculture and Forestry) (v. 6) High-Tech and Micropropagation III (Biotechnology in Agriculture and Forestry) High-Tech and Micropropagation VI: v. 6 (Biotechnology in Agriculture and Forestry) Biophysics of Electron Transfer and Molecular Bioelectronics (Electronics and Biotechnology Advanced (Elba) Forum Series) From Neural Networks and Biomolecular Engineering to Bioelectronics (Electronics and Biotechnology Advanced (Elba) Forum Series) Biotechnology: Law, Business, and Regulation Rational Design of Stable Protein Formulations: Theory and Practice (Pharmaceutical Biotechnology) Stability of Protein Pharmaceuticals: Part B: In Vivo Pathways of Degradation and Strategies for Protein Stabilization (Pharmaceutical Biotechnology) GMO Free: Exposing the Hazards of Biotechnology to Ensure the Integrity of Our Food Supply Biotechnology, Second Edition Tissue Engineering I: Scaffold Systems for Tissue Engineering (Advances in Biochemical Engineering/Biotechnology) (v. 1) Biological Barriers to Protein Delivery (Pharmaceutical Biotechnology) Heterocycles in Life and Society: An Introduction to Heterocyclic Chemistry and Biochemistry and the Role of Heterocycles in Science, Technology, Medicine and Agriculture