

The book was found

Handbook Of Essential Pharmacokinetics, Pharmacodynamics And Drug Metabolism For Industrial Scientists



Synopsis

In the pharmaceutical industry, the incorporation of the disciplines of pharmacokinetics, pharmacodynamics, and drug metabolism (PK/PD/DM) into various drug development processes has been recognized to be extremely important for appropriate compound selection and optimization. During discovery phases, the identification of the critical PK/PD/DM issues of new compounds plays an essential role in understanding their pharmacological profiles and structure-activity relationships. Owing to recent progress in analytical chemistry, a large number of compounds can be screened for their PK/PD/DM properties within a relatively short period of time. During development phases as well, the toxicology and clinical study designs and trials of a compound should be based on a thorough understanding of its PK/PD/DM properties. During my time as an industrial scientist, I realized that a reference work designed for practical industrial applications of PK/PD/DM could be a very valuable tool for researchers not only in the pharmacokinetics and drug metabolism departments, but also for other discovery and development groups in pharmaceutical companies. This book is designed specifically for industrial scientists, laboratory assistants, and managers who are involved in PK/PD/DM-related areas. It consists of thirteen chapters, each of which deals with a particular PK/PD/DM issue and its industrial applications. Chapters 3 and 12 in particular address recent topics on higher throughput in vivo exposure screening and the prediction of pharmacokinetics in humans, respectively. Chapter 8 covers essential information on drug metabolism for industrial scientists.

Book Information

Hardcover: 291 pages

Publisher: Springer; 2002 edition (December 31, 2001)

Language: English

ISBN-10: 0306462346

ISBN-13: 978-0306462344

Product Dimensions: 6.1 x 0.8 x 9.2 inches

Shipping Weight: 1.3 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #1,658,333 in Books (See Top 100 in Books) #21 in [Books > Medical Books > Pharmacology > Pharmacodynamics](#) #77 in [Books > Medical Books > Pharmacology > Clinical](#) #703 in [Books > Medical Books > Medicine > Internal Medicine > Endocrinology & Metabolism](#)

[Download to continue reading...](#)

High Metabolism Diet: How To Transform Your Body Increasing Your Metabolism(Free Checklist Included)[Metabolism Diet, Metabolism Cookbook, Metabolism Book Metabolism Diet Cookbook, Metabolism Miracle] Handbook of Essential Pharmacokinetics, Pharmacodynamics and Drug Metabolism for Industrial Scientists SPECIFICATIONS OF INTRODUCTION TO PHARMACOKINETICS AND PHARMACODYNAMICS: THE QUANTITATIVE BASIS OF DRUG THERAPY : THE QUANTITATIVE BASIS OF DRUG THERAPY 1ST EDITION (PAPERBACK) ADME and Translational Pharmacokinetics / Pharmacodynamics of Therapeutic Proteins: Applications in Drug Discovery and Development Introduction to Pharmacokinetics and Pharmacodynamics: The Quantitative Basis of Drug Therapy Pharmacology Study Guide: drug classification, indications, reactions, and examples, Pharmacodynamics, Pharmacokinetics, Medical Chemistry & more for medical, ... nursing, & dental students (Mobi Medical) Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications Basic Pharmacokinetics and Pharmacodynamics: An Integrated Textbook and Computer Simulations By Malcolm Rowland - Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications (4th Edition) (12/29/09) Pharmacokinetics and Pharmacodynamics of Psychoactive Drugs: A Research Monograph Basic Clinical Pharmacokinetics (Basic Clinical Pharmacokinetics (Winter)) Applied Biopharmaceutics & Pharmacokinetics, Sixth Edition (Shargel, Applied Biopharmaceutics & Pharmacokinetics) Applied Biopharmaceutics & Pharmacokinetics, Fifth Edition (Shargel, Applied Biopharmaceutics & Pharmacokinetics) Evaluation of Industrial Disability: Prepared by the Committee of the California Medical Association and Industrial Accident Commission of the State ... of Joint Measures in Industrial Injury Cases. Essential Oils and Thyroid: The Essential Oils Thyroid Solution: Chronic Fatigue? Weight Gain? Brain Fog? Get Relief with Essential Oils to Help Heal Your ... Hypothyroidism, Hashimoto's, Metabolism) Pharmacokinetics: Regulatory, Industrial, Academic Perspectives (Drugs and the Pharmaceutical Sciences) The Metabolism Miracle Cookbook: 175 Delicious Meals that Can Reset Your Metabolism, Melt Away Fat, and Make You Thin and Healthy for Life Fast Metabolism and Weight Loss: How to Boost Your Metabolism and Lose Weight Fast Metabolism Diet Cookbook: Healthy & Wholesome Fast Metabolism Diet Recipes to Slim Down and Burn Fat The 3-Week Metabolism Diet: A Simple Metabolism Focused Diet Guaranteed to Shed 4-12 Inches and 9-21 Pounds of Stubborn Belly Fat

[Contact Us](#)

DMCA

[Privacy](#)

[FAQ & Help](#)