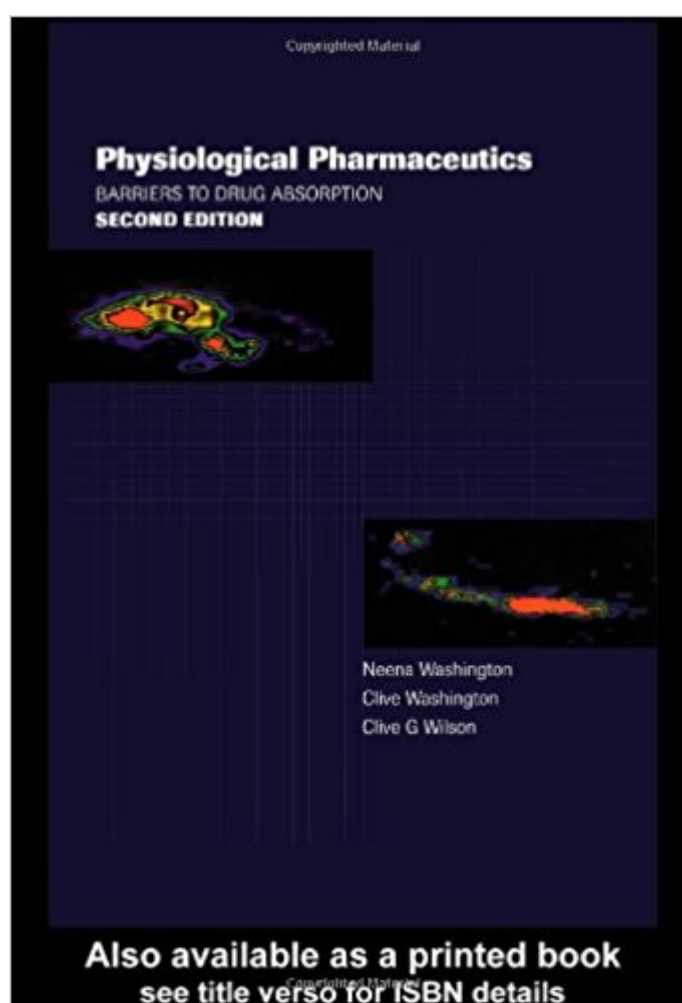


The book was found

# Physiological Pharmaceutics: Barriers To Drug Absorption (Taylor & Francis Series In Pharmaceutical Sciences)



## Synopsis

In recent years, the emphasis in drug development has been the design of new delivery systems rather than new drugs. It is the aim of innovative pharmaceutical scientists to design the new dosage forms to overcome the body's barrier mechanisms which have specifically evolved to exclude foreign material. This book provides an integrated approach to the study of drug formulation in the body with the emphasis on the formulation variables rather than the drugs. The link between physiology and pharmaceutics is presented to give an essential background of biological principles for the pharmacy student, pharmaceutical formulator and healthcare professional. Complex mathematical aspects of physical chemistry have been avoided to facilitate understanding, enabling the reader to concentrate on how the biological environment affects the performance of the drugs and dosage forms. As the majority of drugs are administered via the oral route a large proportion of the book is devoted to the gastrointestinal tract and the variation in the capacity for drug absorption which occurs along its length. Transdermal, ocular, pulmonary and nasal drug delivery are discussed in detail. New chapters in the book include 'Vaginal drug delivery', the 'Blood brain barrier' and 'Parenteral drug delivery'.

## Book Information

Series: Taylor & Francis Series in Pharmaceutical Sciences

Hardcover: 328 pages

Publisher: CRC Press; 1 edition (December 21, 2000)

Language: English

ISBN-10: 0748405623

ISBN-13: 978-0748405626

Product Dimensions: 0.8 x 7 x 9.8 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #3,629,156 in Books (See Top 100 in Books) #22 in Books > Medical Books > Pharmacology > Drug Delivery Systems #2056 in Books > Textbooks > Medicine & Health Sciences > Allied Health Services > Pharmacy #2291 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Physiology

## Customer Reviews

'Provides essential information...There is no equivalent source work.' '...a worthwhile and valuable contribution to this area.'

Washington; Neena University of Nottingham Medical School, England, UK, Washington; Clive AstraZeneca, Wilson; Clive University of Strathclyde, UK,

I use this book to teach both pharmacists and pharmaceutical scientist graduate students. I think it is very good at identifying the barrier to drug transport in specific regions of the body as well as discussing technologies for delivery to those regions. I only wish the book was updated as well as the figures in color.

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

Physiological Pharmaceutics: Barriers to Drug Absorption (Taylor & Francis Series in Pharmaceutical Sciences) Physiological Pharmaceutics (Taylor & Francis Series in Pharmaceutical Sciences) Percutaneous Absorption: Drugs--Cosmetics--Mechanisms--Methodology: Drugs--Cosmetics--Mechanisms--Methodology, Third Edition, (Drugs and the Pharmaceutical Sciences) Dermatological Formulations: Percutaneous Absorption (Drugs and the Pharmaceutical Sciences) Introduction to the Pharmaceutical Sciences: An Integrated Approach (Pandit, Introduction to the Pharmaceutical Sciences) TAYLOR SWIFT SONGS QUIZ Book: Songs from Taylor Swift albums - TAYLOR SWIFT, FEARLESS, SPEAK NOW, RED & 1989 Included! (FUN QUIZZES & BOOKS FOR TEENS) Transport Processes in Pharmaceutical Systems (Drugs and the Pharmaceutical Sciences) Pharmaceutical Skin Penetration Enhancement (Drugs and the Pharmaceutical Sciences) Pharmaceutical Particulate Carriers: Therapeutic Applications (Drugs and the Pharmaceutical Sciences) The Clinical Audit in Pharmaceutical Development (Drugs and the Pharmaceutical Sciences) Polymorphism in Pharmaceutical Solids (Drugs and the Pharmaceutical Sciences) Automation and Validation of Information in Pharmaceutical Processing (Drugs and the Pharmaceutical Sciences) Pharmaceutical Process Validation, Second Edition (Drugs and the Pharmaceutical Sciences) Biological Barriers to Protein Delivery (Pharmaceutical Biotechnology) Percutaneous Absorption: Mechanisms-Methodology-Drug Delivery (Dermatology) Transdermal Drug Delivery Systems: Revised and Expanded (Drugs and the Pharmaceutical Sciences) Controlled Drug Delivery: Fundamentals and Applications, Second Edition (Drugs and the Pharmaceutical Sciences) Topical Drug Delivery Formulations (Drugs and the Pharmaceutical Sciences) Ophthalmic Drug Del Systms (Drugs and the Pharmaceutical Sciences) Biodegradable Polymers as Drug Delivery Systems (Drugs and the Pharmaceutical Sciences)

Contact Us

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)