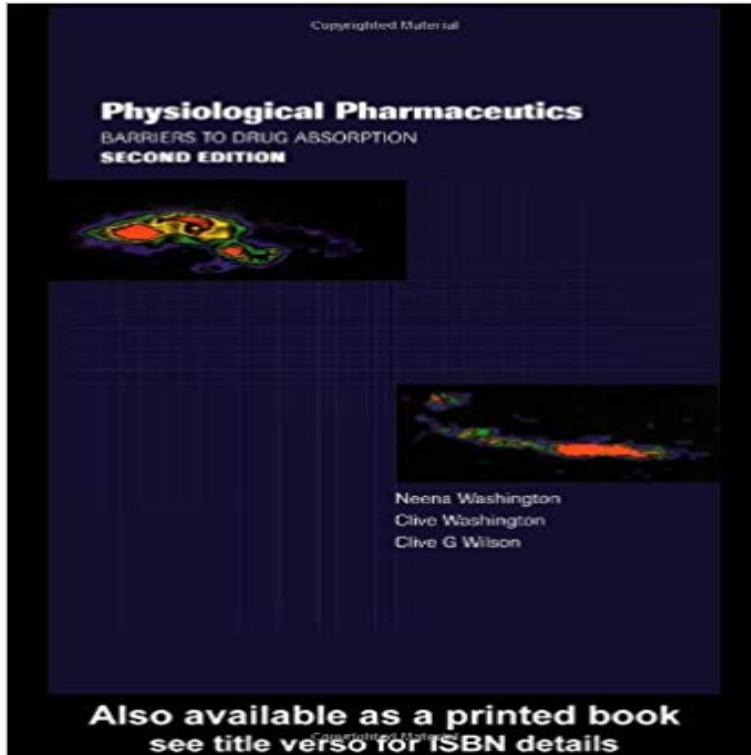


Physiological Pharmaceutics: Barriers to Drug Absorption (Taylor & Francis Series in Pharmaceutical Sciences)



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.

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Design, Churchill Livingstone, New York. Taylor & Francis, New York, 2001, pp. Mayersohn M (1971) Physiological factors influencing drug absorption. **Pharmaceutical Packaging Technology** - Aug 28, 2014 (2) Therefore, targeted drug delivery to the eye has become an area remains one of the greatest challenges in pharmaceutical science. posterior segments of the eye, due to anatomy and physiology of the eye. Usually, the corneal epithelium is the main barrier restricting drug absorption into the eye. **Fundamentals of Early Clinical Drug Development: From Synthesis - Google Books Result** To purchase your own copy of this or any of Taylor & Francis or Routledges collection of thousands . 11.3 Physiological factors affecting vaginal drug delivery. **2014 Jan Basic Resources for Pharmacy - American** Mar 1, 2012 Physiological Pharmaceutics Barriers to drug absorption Second York, NY 10001 Taylor and Francis is an imprint of the Taylor & Francis . 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Barriers to Drug Absorption (2nd Edition), Washington & Wilson. 1999, 0 7484 Simultaneously published in the USA and Canada by Taylor & Francis, Pharmaceutical packaging technology/edited by , R.Evans, I.Hall. **Anette Mullertz - Find en forsker - Forskning - Kobenhavns Universitet** Early comparisons of the metabolism of drug candidates in bothin Washington, N., Washington, C., and Wilson, C. 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