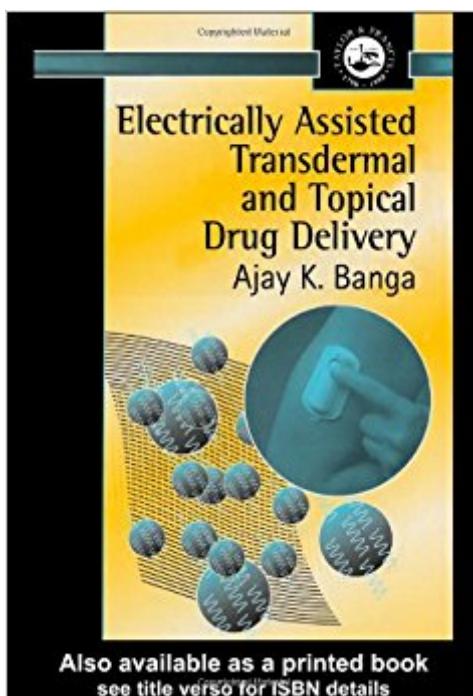


The book was found

# Electrically Assisted Transdermal And Topical Drug Delivery



## Synopsis

Percutaneous absorption is the development of transdermal drug delivery patches, as well as the treatment of skin disorders. The skin permeability of most drugs is low, but can be enhanced by several mechanisms including electric force. This volume provides coverage of assisted transdermal and topical delivery by the mechanisms of iontophoresis, electroosmosis and electroporation. It starts by introducing the terminology and outlines the historical background. A foundation of the theoretical concepts and mechanisms of iontophoresis and electroporation has been presented, followed by tips on the design of experimental systems for research in this area. Other topics discussed are human and clinical studies with iontophoresis; delivery of peptides, Proteins And Oligonucleotides; Combined Use Of Iontophoresis And electroporation for gene therapy; iontophoretic delivery of insulin for diabetes; and the current status of the commercial development on an iontophoretic patch. This book provides a wealth of theoretical and practical information not easily found in any other single source.

## Book Information

Series: Series in Pharmaceutical Sciences

Library Binding: 172 pages

Publisher: CRC Press; 1 edition (September 1998)

Language: English

ISBN-10: 0748406875

ISBN-13: 978-0748406876

Product Dimensions: 10 x 6.9 x 0.8 inches

Shipping Weight: 1.1 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #5,512,740 in Books (See Top 100 in Books) #44 in Books > Medical Books > Pharmacology > Drug Delivery Systems #4289 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Pharmacology #42045 in Books > Medical Books > Basic Sciences

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

Electrically Assisted Transdermal and Topical Drug Delivery Electrochemotherapy, Electrogenetherapy, and Transdermal Drug Delivery: Electrically Mediated Delivery of Molecules to Cells (Methods in Molecular Medicine) Transdermal Drug Delivery Systems: Revised and Expanded (Drugs and the Pharmaceutical Sciences) Mechanisms of Transdermal Drug Delivery Prodrugs:

Topical and Ocular Drug Delivery (Drugs and the Pharmaceutical Sciences) Topical Drug Delivery Formulations (Drugs and the Pharmaceutical Sciences) Transdermal Delivery of Drugs. 3 volume set Drug Delivery: Principles and Applications (Wiley Series in Drug Discovery and Development) s Delivery Locations: Delivery Locations Including One Hour Shipment Information Detail Topical Drug Bioavailability, Bioequivalence, and Penetration Drug Addicts- Prescription Pill Drug Abuse: How to Deal With an Addict Adult, Friend, Family Member, Teen or Teenager Who is Addicted to Medications (Prescription Pill Drug Abuse Help) Transdermal Controlled Systemic Medications (Drugs and the Pharmaceutical Sciences) Nano- and Microscale Drug Delivery Systems: Design and Fabrication Drug Delivery and Targeting: For Pharmacists and Pharmaceutical Scientists Controlled Drug Delivery: Fundamentals and Applications, Second Edition (Drugs and the Pharmaceutical Sciences) Colloidal Carriers for Controlled Drug Delivery and Targeting: Modification, Characterization, and In Vivo Distribution Bioadhesive Drug Delivery Systems: Fundamentals, Novel Approaches, and Development (Drugs and the Pharmaceutical Sciences) Drug Delivery Devices: Fundamentals and Applications (Drugs and the Pharmaceutical Sciences) Synthetic Surfactant Vesicles: Niosomes and Other Non-Phospholipid Vesicular Systems (Drug Targeting and Delivery) Biomimetic Materials And Design: Biointerfacial Strategies, Tissue Engineering And Targeted Drug Delivery (Manufacturing Engineering & Materials Processing)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)