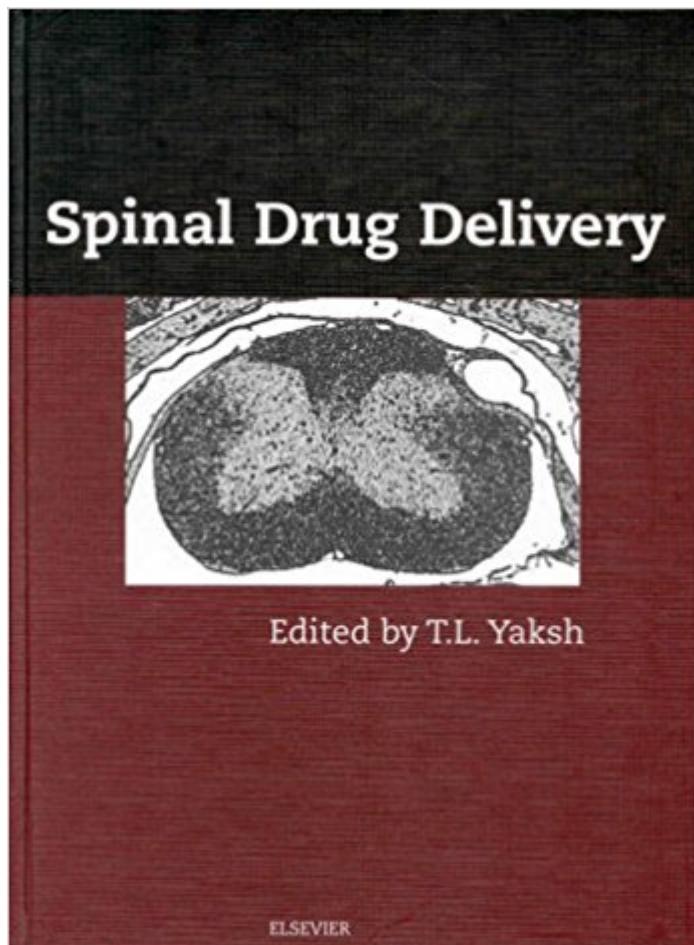


The book was found

# Spinal Drug Delivery, 1e



## Synopsis

This book provides a unified and comprehensive compendium of issues related to the spinal delivery of drugs. The text, consisting of 34 chapters, begins with an extensive review of the early history, reflecting the development of the spinal cord as a route of spinal drug delivery. It then presents 4 principal divisions. In the first, the embryology, anatomy of the spinal canal, the spinal canal meninges and vasculature are reviewed in humans and non-human species. The second division considers the factors that define the redistribution of spinally delivered drugs and the movements of such drugs into the spinal parenchyma are considered in detail. The third section considers issues that relate to the preclinical development of drugs for spinal delivery. This division includes issues that pertain to preclinical models for drug safety evaluation, the nature of vehicles for spinal drugs and properties of materials for chronic spinal implantation. In addition, the nature of the inflammatory reactions that are observed with foreign bodies and toxicity are presented. The fourth division considers the several therapeutic targets towards which spinally delivered drugs are aimed. These include analgesics, anesthetics, antispasticity, antimetastatic and growth factors. In each case, the site and mechanisms of action and the several drug classes that are relevant are presented. The book seeks to address the broad categories of interest that are represented by the scientists who focus on the biology of spinal cord function, the toxicologist and chemist who develop and formulate drugs for human spinal therapeutic use and the clinicians who seek an in-depth review of spinal drug delivery.

## Book Information

Hardcover: 614 pages

Publisher: Elsevier; 1 edition (May 27, 1999)

Language: English

ISBN-10: 0444829016

ISBN-13: 978-0444829016

Product Dimensions: 1.2 x 7.5 x 10.2 inches

Shipping Weight: 4 pounds

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,754,183 in Books (See Top 100 in Books) #24 in Books > Medical Books > Pharmacology > Drug Delivery Systems #497 in Books > Textbooks > Medicine & Health Sciences > Reference > Drug Guides #961 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Anesthesiology

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

Spinal Drug Delivery, 1e Electrochemotherapy, Electrogenetherapy, and Transdermal Drug Delivery: Electrically Mediated Delivery of Molecules to Cells (Methods in Molecular Medicine) Drug Delivery: Principles and Applications (Wiley Series in Drug Discovery and Development) Spinal Surgery Written Simply by a Spinal Surgeon Anatomy and Physiology Study Guide: Key Review Questions and Answers with Explanations (Volume 3: Nerve Tissue, Spinal Nerves & Spinal Cord, Cranial Nerves & Brain, Neural Integrative, Motor & Sensory Systems, Autonomic Nervous System, Special Senses) Managing Spinal Cord Injury A Guide to Living Well with Spinal Cord Injury Back And Neck Sourcebook: Basic Consumer Health Information About Spinal Pain, Spinal Cord Injuries, And Related Disorders, Such as Degenerative Disk ... Osteoarthritis, S (Health Reference Series) Spinal Manual Therapy: An Introduction to Soft Tissue Mobilization, Spinal Manipulation, Therapeutic and Home Exercises s Delivery Locations: Delivery Locations Including One Hour Shipment Information Detail 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) The Neuropathy Cure: How to Effectively Treat Peripheral Neuropathy - 2nd Edition (Peripheral Neuropathy, Diabetes, Intervention Therapy, Spinal Cord, Drug Therapy, Chronic Pain, Biofeedback Book 1) Ansel's Pharmaceutical Dosage Forms and Drug Delivery Systems Nano- and Microscale Drug Delivery Systems: Design and Fabrication Molecular Interventions and Local Drug Delivery (Frontiers in Cardiology) Controlled Drug Delivery: Challenges and Strategies (ACS Professional Reference Book) Drug Delivery: Fundamentals and Applications, Second Edition Drug Delivery and Targeting: For Pharmacists and Pharmaceutical Scientists Pharmaceutical Dosage Forms & Drug Delivery Systems 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)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)