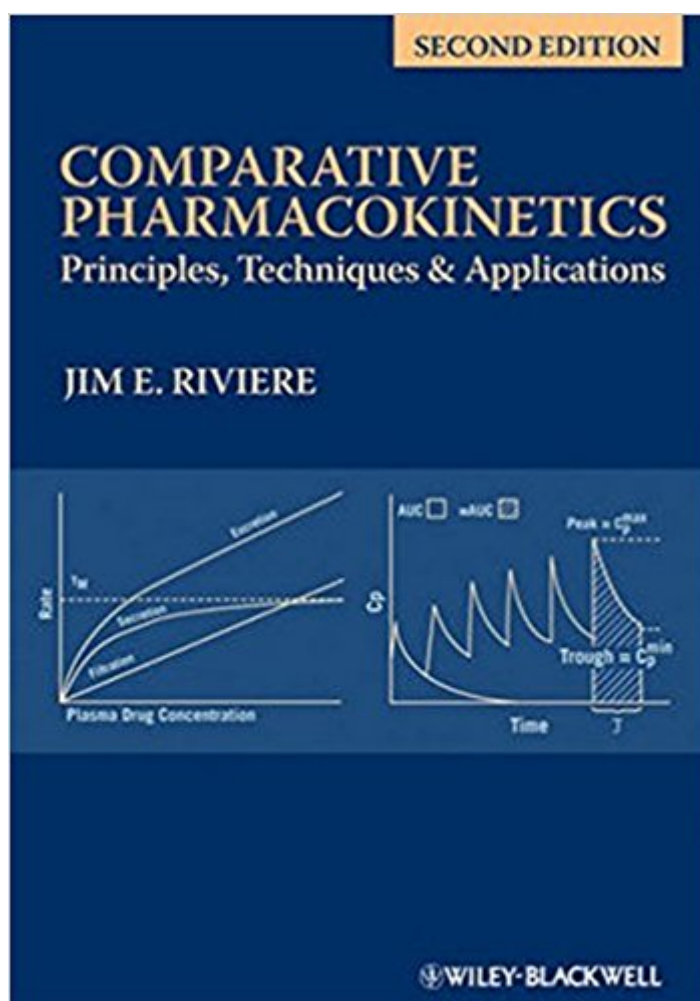


The book was found

# Comparative Pharmacokinetics: Principles, Techniques And Applications



## Synopsis

Now in a revised edition, *Comparative Pharmacokinetics: Principles, Techniques, and Applications* presents the principles and techniques of comparative and veterinary pharmacokinetics in a detailed yet practical manner. Developed as a tool for ensuring that pharmacokinetics studies are properly designed and correctly interpreted, the book provides complete coverage of the conceptual basis of pharmacokinetics as used for quantifying biological processes from the perspectives of physiology and medicine. New chapters have been added on quantitative structure permeability relationships and bioequivalence, and a number of existing chapters have been significantly revised and expanded to provide a current resource for veterinary and comparative pharmacokinetics.

## Book Information

Hardcover: 456 pages

Publisher: Wiley-Blackwell; 2 edition (April 12, 2011)

Language: English

ISBN-10: 0813829933

ISBN-13: 978-0813829937

Product Dimensions: 7.1 x 1 x 9.9 inches

Shipping Weight: 2.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,660,069 in Books (See Top 100 in Books) #76 in Books > Medical Books > Pharmacology > For Veterinarians #1085 in Books > Textbooks > Medicine & Health Sciences > Veterinary Medicine > General #1846 in Books > Science & Math > Chemistry > Organic

## Customer Reviews

"This book is helpful in understanding and designing pharmacokinetic studies, illustrating basic concepts and noting the species differences. . . The book does a good job of explaining a concept and then expands with more specific examples. It provides a good base for pharmacokinetic modeling and illustrates the pitfalls with interspecies extrapolation." (Doody's, 21 October 2011)

Ã

Now in a revised edition, *Comparative Pharmacokinetics: Principles, Techniques, and Applications* presents the principles and techniques of comparative and veterinary pharmacokinetics in a detailed yet practical manner. Designed as a tool for ensuring that pharmacokinetics studies are properly

designed and correctly interpreted, the book provides complete coverage of the conceptual basis of pharmacokinetics as used for quantifying biological processes from the perspectives of physiology and medicine. New chapters have been added on quantitative structure permeability relationships and bioequivalence, and a number of existing chapters have been significantly revised and expanded to provide a current resource for veterinary and comparative pharmacokinetics. The second edition retains the structure of the first, beginning with the basic principles of physiology and then moving into the primary approaches used in pharmacokinetic modeling, including extensive coverage of dosage regimens and adjustments, interspecies extrapolation, experimental design, data collection and analysis, and residues and withdrawal times. With broad human and animal species coverage, Comparative Pharmacokinetics is essential reading for those working in drug research and development, as well as those with advanced interest in pharmacology and toxicology in veterinary or comparative medicine. Key features

- Provides a detailed but understandable reference on the conceptual basis of veterinary and comparative pharmacokinetics
- Covers practical applications to both animal and human medicine
- Offers essential information for ensuring that pharmacokinetics studies are correctly designed and interpreted
- Includes new chapters on quantitative structure permeability relationships and bioequivalence, as well as fully revised and expanded chapters throughout
- Presents a fully rewritten chapter on simultaneous pharmacokinetic-pharmacodynamic modeling to reflect its newly widespread role in comparative medicine
- Facilitates the reader in making conceptual linkages between theory and applications with expanded cross-referencing between topics

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

Comparative Pharmacokinetics: Principles, Techniques and Applications 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) Pharmacokinetics : Principles and Applications Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications By Malcolm Rowland - Clinical Pharmacokinetics and Pharmacodynamics: Concepts and Applications (4th Edition) (12/29/09) ADME and Translational Pharmacokinetics / Pharmacodynamics of Therapeutic Proteins: Applications in Drug Discovery and Development Clinical Pharmacokinetics: Concepts and Applications Pharmacokinetics: Processes, Mathematics, and Applications (ACS Professional Reference Book) Handbook of basic pharmacokinetics-- including clinical applications Towards a Chinese Civil Code: Comparative and Historical Perspectives (Chinese and Comparative Law) Political Science: A

Comparative Introduction (Comparative Government and Politics) Political Economy: A Comparative Approach, 3rd Edition: A Comparative Approach Foundations of Comparative Politics: Democracies of the Modern World (Cambridge Textbooks in Comparative Politics) Principles & Techniques of Patient Care, 4e (Principles and Techniques of Patient Care) Basic Pharmacokinetics and Pharmacodynamics: An Integrated Textbook and Computer Simulations Handbook of Essential Pharmacokinetics, Pharmacodynamics and Drug Metabolism for Industrial Scientists Pharmacokinetics, Second Edition (Drugs and the Pharmaceutical Sciences) Introduction to Pharmacokinetics and Pharmacodynamics: The Quantitative Basis of Drug Therapy

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)