

The book was found

The Physiological Basis Of Veterinary Clinical Pharmacology

The Physiological
Basis of
Veterinary
Clinical
Pharmacology

J. Desmond Baggot



Synopsis

The diversity of species in which drugs are used for clinical purposes and the emphasis on various classes of drugs make veterinary pharmacology a complex subject. Anatomical and physiological features influence the pharmacokinetic behaviour of a drug in a particular animal and the dosage required. This book is concerned with the basis of species differences, the selection of pharmacokinetic parameters and the interpretation of values obtained. There are chapters on bioavailability and its application to veterinary dosage forms, changes in drug disposition and interspecies scaling, clinical selectivity and stereoisomerism, drug permeation, antimicrobial disposition and specifics related to neonatal animals. The author has gathered all this information together in one place so allowing the reader to make better selection of drug preparations for animal dosages to effectively treat animal diseases. The book will prove valuable to clinical researchers in the areas of pharmacology, anaesthesia, microbial infections and, internal medicine as well as postgraduate students of these disciplines. The Author J Desmond Baggot (MVM, PhD, DSc, FRCVS, DipECVPT) is currently Visiting Professor of Veterinary Pharmacology at the School of Veterinary Medicine, St George's University, Grenada, West Indies. He was a contributing author and co-author of *Antimicrobial Therapy in Veterinary Medicine*, 3rd Edition (2000) and *Development and Formulation of Veterinary Dosage Forms*, 2nd Edition (1998) and the author of *Principles of Drug Disposition in Domestic Animals* (1977). Elucidations of the processes that underline species variation in the disposition of drugs and interpretation of the influence of disease states on drug disposition have been the focus of his research endeavours. He was a member of the Editorial Board of the *Journal of Veterinary Pharmacology and Therapeutics* from 1978 to 1996. He is a former Professor of Clinical Pharmacology at the School of Veterinary Medicine, University of California, Davis and Preclinical Veterinary Studies at the University of Zimbabwe, Harare.

Book Information

Hardcover: 296 pages

Publisher: Wiley-Blackwell; 1 edition (May 8, 2001)

Language: English

ISBN-10: 0632057440

ISBN-13: 978-0632057443

Product Dimensions: 7 x 0.8 x 10 inches

Shipping Weight: 1.8 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #4,161,203 in Books (See Top 100 in Books) #105 in Books > Medical Books > Pharmacology > For Veterinarians #302 in Books > Medical Books > Veterinary Medicine > Anatomy & Physiology #1605 in Books > Textbooks > Medicine & Health Sciences > Veterinary Medicine > General

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

The Physiological Basis of Veterinary Clinical Pharmacology Pathophysiology: The Biologic Basis for Disease in Adults and Children (Pathophysiology the Biologic Basis) Clinical Veterinary Dentistry, An Issue of Veterinary Clinics: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Textbook of Veterinary Physiological Chemistry, Third Edition Tissue Type Plasminogen Activity, Volume I (T-Pa : Physiological and Clinical Aspects) Brody's Human Pharmacology: Molecular to Clinical With STUDENT CONSULT Online Access, 4e (Human Pharmacology (Brody)) Beta-Adrenoceptors: Molecular Biology, Biochemistry and Pharmacology (Progress in Basic and Clinical Pharmacology, Vol. 7) (v. 7) Fundamentals of Pharmacology for Veterinary Technicians (Veterinary Technology) Veterinary Pharmacology: A Practical Guide for the Veterinary Nurse, 1e Foundations of Molecular Pharmacology: Volume 2 The Chemical Basis of Drug Action Clinical Pharmacology and Therapeutics for Veterinary Technicians, 4e Clinical Pharmacology and Therapeutics for the Veterinary Technician 3th (third) edition Text Only Advances in Veterinary Oncology, An Issue of Veterinary Clinics of North America: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) Slatter's Fundamentals of Veterinary Ophthalmology: Veterinary medicine, Veterinary medicine Pathologic Basis of Veterinary Disease, 5e Pathologic Basis of Veterinary Disease Clinical Dermatology, An Issue of Veterinary Clinics: Small Animal Practice, 1e (The Clinics: Veterinary Medicine) The Veterinary Clinics of North America, Clinical Veterinary Oncology, 1977 (vol 7 #1) Veterinary Clinical Pathology: A Case-Based Approach (Veterinary Self-Assessment Color Review Series) Gray's Anatomy: The Anatomical Basis of Clinical Practice, 41e

[Dmca](#)