

# Pharmacokinetics of Cardiovascular, Central Nervous System, and Antimicrobial Drugs

by P. G. Welling and F. L. S. Tse

During the last 20 years the drug industry and the practice of medicine have expanded at an incredible rate. This has been due to the combined influences of a number of factors, including rapid advances in pharmacology and pathology, and accompanying advances in such diverse areas as pharmacodynamics, pharmacokinetics, and the development of sophisticated drug delivery systems. The last of these has been the focus of frenzied activity during the last ten years, and is likely to continue for some time. More recent advances in immunopharmacology and the use of monoclonal antibodies have provided further impetus to the quest for new drugs in many therapeutic areas.

Three major areas of drug research and development which have undergone considerable changes in recent years include cardiovascular agents, drugs acting on the central nervous system, and antimicrobial agents.

This book reviews developments which have taken place in these subjects from 1970 to the early 1980's.

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Cardiac Glycosides and Other Cardiotonic Agents; Antiarrhythmic and Antianginal Agents; Beta-Adrenergic Receptor Antagonists; Diuretics; Other Antihypertensive Agents; Anticoagulants.

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Antidepressants; Antipsychotic Agents; Sedatives, Hypnotics, and Tranquillizers; Anticonvulsants.

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Special Publication No. 54

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Senior Reporter: N. R. Williams, *Birkbeck College, University of London*

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*Special Publication No. 55 (1986)*

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Edited by:

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This publication is the result of an international symposium on the Chemistry and Physics of Baking, Materials Processes and Products, held at the School of Agriculture, University of Nottingham, 10-12th April 1985.

The coverage of this book reflects the considerable progress made in this field. The main areas covered are: Basic Constituents of Baked Products; Fundamental Interactions: Consequences, Control; Developments in Processes and Products.

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Senior Reporter:

M. C. R. Symons, *University of Leicester*

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Edited by M. S. Cresser, *University of Aberdeen* and L. Ebdon, *Plymouth Polytechnic*

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