

NOTICES

The last chapter is on drug interactions, and its purpose is to survey mechanisms and factors involved in drug interactions.

Finally, the book contains two appendixes: drug metabolism and inactivation, and drug-induced effects on laboratory diagnostic tests.

The author succeeded in accomplishing his objective in the preparation of this book. Moreover, this book will prove to be beneficial not only to practicing pharmacists but also to other professionals who need updating in medicinal chemistry.

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Drug Fate and Metabolism: Methods and Techniques, Vol. 2. Edited by EDWARD R. GARRETT and JEAN L. HIRTZ. Dekker, 270 Madison Ave., New York, NY 10016. 1978. 382 pp. 14 × 23 cm. Price \$39.50.

This volume is the second in a series dealing with drug fate and metabolism, including such topics as spectroscopy, stereochemistry, and the mechanisms of drug action. Emphasis is placed on methods rather than on theory. The book is divided into six chapters, each of which is authored by scientists having expertise in a specific area of drug methodology.

Chapter 1 emphasizes the application of voltammetric methods to drug analysis. Chapter 2 discusses the use of derivatization, detection, and metabolic transformation in GLC. The authors include an excellent literature reference list of various drugs analyzed by GLC. Chapter 3 describes stereochemical methodology, especially the discrimination of diastereoisomers and enantiomers. Chapter 4 reviews the physicochemical, instrumental, and experimental features of fluorescence spectroscopy. Chapter 5 describes the use of nonradioactive immunoassays, including viroimmunoassay and enzymeimmunoassay. Chapter 6 discusses the isolation, separation, and assay methods for the analysis of glucuronic acid conjugates.

Although the main emphasis of this book is geared toward the research scientist, it is a valuable supplement for students interested in toxicology, analytical chemistry, and pharmacology.

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Thrombosis. Animal and Clinical Models. Vol. 102 of Advances in Experimental Medicine and Biology. Edited by H. JAMES DAY, BASIL A. MOLONY, EDWARD E. NISHIZAWA, and RONALD H. RYNBRANDT. Plenum, 227 W. 17th St., New York, NY 10011. 1978. 337 pp. 16 × 25 cm. Price \$35.00.

Prevention and Detection of Cancer. Part II. Detection. Vol. 1. High Risk Markers. Detection Methods and Management. Edited by HERBERT E. NIEBURGS. Dekker, 270 Madison Ave., New York, NY 10016. 1978. 1299 pp. 18 × 25 cm. Price \$62.50.

Etiology, Pathophysiology, and Treatment of Acute Gastroenteritis. Report of the 74th Ross Conference on Pediatric Research. Ross Laboratories, Columbus, OH 43216. 1978. 125 pp. 14 × 22 cm.

Manual of Dermatologic Therapeutics With Essentials of Diagnosis, 2nd Edition. By KENNETH A. ARNDT. Little, Brown, 34 Beacon St., Boston, MA 02106. 1978. 377 pp. 13 × 23 cm. Price \$10.95.

Journal of Veterinary Pharmacology and Therapeutics. Vol. 1, No. 1. Edited by ANDREW YOXALL and CHARLES SHORT. Blackwell Scientific Publications, Osney Mead, Oxford OX20EL, England. 1978. 92 pp. 16 × 25 cm.

Drugs and the Inheritance of Behavior. A Survey of Comparative Psychopharmacogenetics. By P. L. BROADHURST. Plenum, 227 W. 17th St., New York, NY 10011. 1978. 206 pp. 15 × 23 cm. Price \$19.50.

Biosynthetic Products for Cancer Chemotherapy. Vol. 2. By GEORGE R. PETTIT and GORDON M. CRAGG. Plenum, 227 W. 17th St., New York, NY 10011. 1978. 150 pp. 14 × 23 cm. Price \$35.00.

Discovery, Development and Delivery of New Drugs. By KARL H. BEYER, Jr. Spectrum, 175-20 Wexford Terrace, Jamaica, NY 11432. 1978. 238 pp. 15 × 12 cm. Price \$20.00.

An Introduction to Microscopy by Means of Light, Electrons, X-Rays, or Ultrasound. By THEODORE GEORGE ROCHOW and EUGENE GEORGE ROCHOW. Plenum, 227 W. 17th St., New York, NY 10011. 1978. 367 pp. 15 × 23 cm. Price \$29.50.

Acetylcholine Synthesis in Neurons. By S. TUCEK. Wiley, 605 Third Ave., New York, NY 10016. 1978. 259 pp. 15 × 24 cm. Price \$37.50.

Reviews of Physiology, Biochemistry and Pharmacology. 81. (Formerly *Ergebnisse der Physiologie, Biologischen Chemie und Experimentellen Pharmakologie.*) Edited by R. H. ADRIAN *et al.* Springer-Verlag New York Inc., 175 Fifth Ave., New York, NY 10016. 1978. 214 pp. 16 × 25 cm. Price \$43.00.

Scientific Foundations of Clinical Biochemistry. Vol. 1: Analytical Aspects. Edited by DAVID L. WILLIAMS, RONALD F. NUNN, and VINCENT MARKS. William Heinemann Medical Books Ltd., 23 Bedford Square, London WC1B3HH, England. 1978. 490 pp. 21 × 28 cm. Price 25.00 Fr.