

this section concerned with drug excretory mechanisms is comparatively deficient.

A section on bioanalytical techniques was included since acquisition of most biopharmaceutical information is dependent upon sensitive and specific methods of drug and drug metabolite measurement. A worthwhile compilation of information, particularly concerning assay development and chromatographic techniques, is provided by J. A. F. deSilva.

The concluding chapter is a discussion of drug dissolution by the editor. A critical review is made of *in vitro* dissolution models and the attempts which have been made to correlate the results of these with the physiologic availability of drugs.

Each section of the book is relatively concise, amply embodied with tables and illustrations, and extensively documented through early 1970. It is edited well from the standpoint of cohesiveness but inclusion of a section of drug biotranslocation would have been pertinent. However, this book should prove to be a valuable teaching guide and reference source for those with interests in biopharmaceutics and pharmacology.

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The Psychodynamic Implications of the Physiological Studies on Psychomimetic Drugs. Edited by L. MADOW and L. H. SNOW. Charles C Thomas, 301-327 E. Lawrence Ave., Springfield, IL 62703, 1971. xiii + 81 pp. 15.5 × 23.5 cm. Price \$7.75.

The contributors to this brief volume have attempted to deal with the question of motivation in drug abuse. While dealing primarily with drugs generally acknowledged as abuse drugs, such as LSD and marijuana, the question has broader implications for society. It has been estimated that the average American uses three to five mind-altering drugs each day, which include such agents as caffeine, nicotine, diet pills, tranquilizers, sleeping pills, and alcohol. This volume is concerned with this enormous drive to drug ourselves, what is it, and why, as well as specific interest in hallucinogenic drugs. An attempt is made to synthesize information from physiologic and psychologic research to gain a better understanding of drug use.

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Progress in Medicinal Chemistry 7. Edited by G. P. ELLIS and G. B. WEST. Appleton-Century-Crofts (Educational Division—Meredith Corporation), New York, NY 10016, 1971. 349 pp. 14.5 × 21.5 cm. Price \$10.95.

This most recent volume in this series contains six review articles. The titles of the articles included are: Some Recently Introduced Drugs, The Biochemical Basis for the Drug Actions of Purines, The Chemistry of Guanidines and Their Actions at Adrenergic Nerve Endings, Medicinal Chemistry for the Next Decade, Analgesics and Their Antagonists: Recent Developments, and Some Pyrimidines of Biological and Medicinal Interest—Part II.

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NOTICES

Hazards of Medication—A Manual on Drug Interactions, Incompatibilities, Contraindications, and Adverse Effects. By ERIC W. MARTIN. Lippincott, East Washington Sq., Philadelphia, PA 19105, 1971. xiv + 895 pp. 18.5 × 26 cm. Price \$27.50.

Tobacco: Experimental and Clinical Studies, Supplement II. By P. S. LARSON and H. SILVETTE, Williams & Wilkins, Baltimore, MD 21202, 1971. ix + 563 pp. 22 × 28.5 cm. Price \$20.00.

Mechanisms of Molecular Migrations, Volume 4. Edited by B. S. THYAGARAJAN, Wiley, 605 Third Ave., New York, NY 10016, 1971. xv + 326 pp. 15.5 × 23 cm. Price \$22.50.

British National Formulary—1971. The British Medical Association and The Pharmaceutical Society of Great Britain, 17 Bloomsbury Square, London, W.C. 1, England, 1971. 389 pp. 11 × 17 cm. Price £90.

Qualitative Organic Analysis. By WILLIAM KEMP. McGraw-Hill Publishing Company Limited, McGraw-Hill House, Maidenhead, Berkshire, England, 1970. ix + 183 pp. 15 × 23 cm.

Biochemical Preparations, Volume 13. Edited by J. H. LAW. Wiley, 605 Third Ave., New York, NY 10016, 1971. xii + 109 pp. 15.5 × 23.5 cm. Price \$9.50.

Electron Microscopy and Plant Ultrastructure. By A. W. ROBARDS. McGraw-Hill Publishing Company Limited, Maidenhead, Berkshire, England, 1970. xv + 298 pp. 16 × 23.5 cm.

Water Pollution: Disposal and Reuse, Volume I. By J. E. AZJIC. Marcel Dekker, New York, NY 10016, 1971. xii + 389 pp. 16.5 × 24 cm. Price \$22.75.

Newer Trace Elements in Nutrition. Edited by WALTER MERTZ and W. E. CORNATZER. Marcel Dekker, 95 Madison Ave., New York, NY 10016, 1971. xiii + 438 pp. 16 × 23.5 cm. Price \$24.50.