

the Michaelis–Menten equation. Further investigations on the metabolism and extrarenal excretion of I should confirm the described model.

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## BOOKS

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### REVIEWS

**Drug Disposition During Development.** Edited by PAOLO LUCIO MORSELLI. Spectrum, 170-20 Wexford Terrace, Jamaica, NY 11423. 1977. 490 pp. 15 × 25 cm. Price \$40.00.

The editor of this multiauthored book is outstanding in the field of developmental pharmacology and has gained an international reputation of excellence.

The book is intended to provide investigators, clinical pharmacologists, pediatricians, general practitioners, and medical students with an understanding of the information available on the influence of age on drug disposition and effects from birth to adulthood.

It should be especially valuable to clinical pharmacists and certainly to those relating to children's therapy. There are a number of basic chapters, e.g., pharmacokinetics, DME, and development of enzymes and organs as related to children.

The remaining chapters deal with various drug classes, all as related to the several age groups of childhood. The book accomplishes its purpose clearly and concisely and provides for further excursions into the literature by well-chosen references.

Those who are concerned with children's drug treatment need this book. It is clinically oriented and will be frequently consulted.

Reviewed by Harry C. Shirkey  
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With 896 references and comprehensive author and subject indexes, this book serves as a timely laboratory guide and desk reference for biologists and chemists involved in pharmaceutical research, whether it be in private industry or academia. It is of particular interest to pharmacologists responsible for evaluation and development of drugs affecting arthritis, allergies, the central nervous system, and the cardiovascular system.

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### NOTICES

*Affinity Chromatography. Journal of Chromatography Library, Vol. 12.* By JAROSLAVA TURKOVA. Elsevier Scientific, 52 Vanderbilt Ave., New York, NY 10017. 1978. 405 pp. 18 × 24 cm. Price \$69.75.

*Fiches de Dosages des Medicaments dans les Milieux Biologiques.* Edited by B. FLOUVAT. Expansion Scientifique, 15 Rue Saint-Benoit, 75278 Paris Cedex 06, France. 1978. 21 × 27 cm. Price 75 F.

*IARC Monographs on the Evaluation of Carcinogenic Risk of Chemicals to Man.* World Health Organization, 49 Sheridan Ave., Albany, NY 12210. 18 × 24 cm.

- Vol. 1: Background, Purpose and Scope. 1972. 184 pp.
- Vol. 2: Some Inorganic and Organometallic Compounds. 1973. 181 pp.
- Vol. 3: Certain Polycyclic Aromatic Hydrocarbons and Heterocyclic Compounds. 1973. 271 pp.
- Vol. 4: Some Aromatic Amines, Hydrazine and Related Substances, *N*-Nitroso Compounds, and Miscellaneous Alkylating Agents. 1974. 286 pp.
- Vol. 5: Some Organochlorine Pesticides. 1974. 239 pp.
- Vol. 6: Sex Hormones. 1974. 243 pp.
- Vol. 7: Some Anti-Thyroid and Related Substances, Nitrofurans, and Industrial Chemicals. 1974. 326 pp.
- Vol. 8: Some Aromatic Azo Compounds. 1975. 357 pp.
- Vol. 9: Some Aziridines, *N*-, *S*-, and *O*-Mustards, and Selenium. 1975. 268 pp.
- Vol. 10: Some Naturally Occurring Substances. 1976. 353 pp.
- Vol. 11: Cadmium, Nickel, Some Epoxides, Miscellaneous Industrial Chemicals, and General Considerations on Volatile Anaesthetics. 1976. 306 pp.
- Vol. 12: Some Carbamates, Thiocarbamates, and Carbazides. 1976. 282 pp.
- Vol. 13: Some Miscellaneous Pharmaceutical Substances. 1977. 255 pp.
- Vol. 14: Asbestos. 1977. 106 pp.
- Vol. 15: Some Fumigants, the Herbicides, 2,4-D and 2,4,5-T, chlorinated Dibenzodioxins, and Miscellaneous Industrial Chemicals. 1977. 354 pp.

**New Drugs: Discovery and Development.** (Drugs and the Pharmaceutical Sciences Series, Vol. 5). Edited by ALAN A. RUBIN. Dekker, 270 Madison Ave., New York, NY 10016. 1978. 328 pp. 15 × 23 cm. Price \$35.00.

This fifth volume of the Drugs and the Pharmaceutical Sciences Series reviews pertinent background, methodology, present status, and future expectations of nine selected topics in modern drug research. It is unique in that it offers this information from the vantage point of the industrial researcher. All contributors to this volume conduct their research in pharmaceutical company settings where high screening capacity, cost effectiveness, and judicious manpower allocations play a critical role in the search for new drugs. This book discusses the fine balance between these scientific and economic considerations which is vital for successful industrial research.

The nine subjects covered in this volume were selected on the basis of their broad research appeal; they include four chapters on the central nervous system (major and minor tranquilizers, antidepressants, and analgesics), three chapters on the cardiovascular system (antianginals, antiarrhythmics, and antihypertensives), and one each on allergy and arthritis. The authors discuss their personal views concerning the strengths and weaknesses of current drug evaluation methodology, the profile of an ideal drug, and anticipated future developments in their respective areas of expertise.