

Selected Companies, may hold particular interest for the latter group. For other readers, the chapter is an unnecessarily lengthy digression from the theme. The book deserves library space and would be a useful addition to a reading list for an introductory pharmacy course.

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Analytical Procedures for Therapeutic Drug Monitoring and Emergency Toxicology. By RANDALL C. BASELT. Biomedical Publications, P.O. Box 495, Davis, CA 95616. 1980. 316 pp. 18 × 26 cm. Price \$35.00.

It is a realistic world that we work in, but one that is governed by idealistic regulatory agencies. As this compilation of analytical methods points out, one can only generate the "numbers" with the available equipment afforded by his or her employer. For example, you cannot determine the blood level of phencyclidine by nitrogen-specific GLC if all you have available is a dual-beam spectrophotometer. On the other hand, you will never achieve the sensitivity needed for phencyclidine detection using a dual-beam spectrophotometer. Baselt is realistic in pointing out that not all laboratories are equally equipped and that one may have to sacrifice some accuracy for speed, depending on the situation.

The book presents alphabetically a series of potential quantitative methods for 84 drugs and some general screening procedures. The drugs and chemicals included are those generally encountered by the clinical chemist and analytical toxicologist. For example, GLC procedures are given for ibuprofen, ketamine, and methylphenidate. Three methods are given for the oral hypoglycemics. Blood levels in the therapeutic and toxic ranges are given for each drug.

The introduction could have included some guidelines for the interpretation of the blood levels given for therapeutic, toxic, and lethal concentrations. Consideration must be given to whether these levels were obtained from human or animal data. Also, lethal levels may be those reported from only a single, isolated case or may represent a minimum lethal level. Consideration also must be given to any disease states or tolerance the person may have to a particular drug.

In general, the book lacks any specific indications of the factors that affect blood drug levels. The book deserves consideration and will serve as a reference in any forensic or clinical laboratory. It is useful for new laboratories or for laboratories that are expanding the number of tests they perform. It also gives important information concerning the equipment and supplies necessary in establishing an analytical toxicology laboratory.

The greatest utility of this book will be for analytical toxicologists, pathologists, and medical technologists in a large teaching hospital where emphasis is placed on therapeutic drug monitoring.

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How to Write and Publish a Scientific Paper. By ROBERT A. DAY. ISI Press, 325 Chestnut St., Philadelphia, PA 19106. 1979. 160 pp. Price \$8.95.

This valuable and witty book was written by a managing editor with 25 years of experience. Until this year, he was managing editor for the journals published by the American Society for Microbiology. The first 15 of the 26 chapters deal with the preparation of the different elements of a manuscript, beginning with a definition of a scientific paper and ending with where and how to submit the manuscript. The next two chapters describe the review and publishing processes. Chapter 22 is on ethics, rights, and permissions. The next three chapters discuss the use and misuse of English.

I recommend the book to authors and editors. If authors would learn its lessons, editors would return fewer manuscripts to be rewritten due to poor style. Perhaps editors should enclose a copy of the book with returned manuscripts! The book should be required reading for those who prepare internal documents in our institutions—academic, corporate, and governmental.

The next edition should have a chapter on footnotes, one on the metric system, and one directed to the typist. Manuscripts are received with footnotes typed single spaced at the bottom of the page. Too many authors of documents do not know how to abbreviate the metric or English system of units. The appendix on accepted abbreviations in this book gives the abbreviations for cubic centimeter, gram, and liter but not for milliliter. Typists must receive on-the-job training in manuscript preparation; their schools do not teach them, nor apparently do their employers.

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NOTICES

Stabilitätsprüfung in der Pharmazie: Theorie und Praxis. By W. GRIMM and G. SCHEPKY. Editio Cantor, D-7960 Aulendorf, West Germany. 1980. 397 pp. 16 × 24 cm. (In German.)

Les Cosmétiques. By H. THIERS. Masson Publishing USA, 14 E. 60th St., New York, NY 10022. 1980. 340 pp. 16 × 24 cm. (In French.)

Casarett and Doull's Toxicology—The Basic Science of Poisons, 2nd Ed. Edited by JOHN DOULL, CURTIS D. KLAASSEN, and MARY O. AMDUR. Macmillan, 866 Third Ave., New York, NY 10022. 1980. 778 pp. 17 × 26 cm. Price \$29.95.

The Renin-Angiotensin System. Edited by J. ALAN JOHNSON and RALPH R. ANDERSON. (Advances in Experimental Medicine and Biology, Vol. 130.) Plenum, 227 W. 17th St., New York, NY 10011. 291 pp. 16 × 25 cm.

Neurochemistry and Biochemical Pharmacology. Edited by K. F. TIPTON. (International Review of Biochemistry, Vol. 26.) University Park Press, 233 E. Redwood St., Baltimore, MD 21202. 1980. 314 pp. 16 × 23.5 cm. Price \$29.50.

Recent Developments in Chromatography and Electrophoresis, 10. Edited by ALBERTO FRIGERIO and MALCOLM McCAMISH. (Analytical Chemistry Symposia Series, Vol. 3.) 1980. 342 pp. 16 × 24 cm. Price \$68.25.

Advances in Chromatography, Vol. 18. Edited by J. CALVIN GIDDINGS, ELI GRUSHKA, JACK CAZES, and PHYLLIS R. BROWN. Dekker, 270 Madison Ave., New York, NY 10016. 1980. 292 pp. 15 × 23 cm. Price \$38.50.

Fundamentals of Human Lymphoid Cell Culture. By J. LESLIE GLICK. Dekker, 270 Madison Ave., New York, NY 10016. 1980. 157 pp. 14 × 23 cm. Price \$22.50.

IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, Vol. 22: Some Non-Nutritive Sweetening Agents. International Agency for Research on Cancer. 1980. 208 pp. 17 × 24 cm. Price \$15.00. (Distributed by the World Health Organization, 1211 Geneva 27, Switzerland.)

WHO Expert Committee on Specifications for Pharmaceutical Preparations, 27th Report. (Technical Report Series, No. 645.) World Health Organization, 1211 Geneva 27, Switzerland. 1980. 53 pp. 14 × 20 cm. Price Sw. fr. 4.

Lithium Effects on Granulopoiesis and Immune Function. Edited by ARTHUR H. ROSSOF and WILLIAM A. ROBINSON. (Advances in Experimental Medicine and Biology, Vol. 127.) Plenum, 227 W. 17th St., New York, NY 10011. 1980. 475 pp. 16 × 25 cm. Price \$47.50.

Vitamin D: Molecular Biology and Clinical Nutrition. Edited by ANTHONY W. NORMAN. (Basic and Clinical Nutrition, Vol. 2.) Dekker, 270 Madison Ave., New York, NY 10016. 1980. 800 pp. 15 × 23 cm. Price \$85.00.

Reagents for Organic Synthesis, Vol. 8. By MARY FIESER. Wiley, 605 Third Ave., New York, NY 10016. 1980. 602 pp. 15 × 23 cm. Price \$36.00.

Trends in Enzyme Histochemistry and Cytochemistry. (Ciba Foundation Symposium 73.) Excerpta Medica, P. O. Box 1126, 1000 BC Amsterdam, The Netherlands. 1980. 114 pp. 15 × 24 cm. Price \$53.75.

NEW JOURNALS

Journal of Pharmacy. M. AMIN, Chief Editor. Faculty of Pharmacy, University of the Punjab, Lahore, Pakistan. 1980. 68 pp. 18 × 25 cm.