

Book Notices

Aids to Biochemistry. By S. P. DATTA and H. H. OTTAWAY. Bailliere, Tindall and Cox, 7 & 8 Henrietta St., London, W. C. 2, 1962. Exclusive U. S. Agent: The Williams & Wilkins Co., 428 East Preston St., Baltimore 2, Md. viii + 327 pp. 10 × 16 cm. Price \$3.75.

As an aid to the preclinical medical student (the primary objective of this book), this reference on biochemistry should prove to be as handy as a pocket secretary. The general usefulness of the book, however, will not be limited to medical students. In one petit volume, the authors present somewhat detailed information in a concise manner which should make a handy reference for pharmacists and others who can benefit by a better understanding of biochemistry. Very little material on plant and microbiological chemistry and no literature references are included. However, the book assumes that a review of some details and principles is all that is needed and for more extensive requirements, standard reference works will be employed.

Resistance of Bacteria to the Penicillins. Edited by A. V. S. DE REUCK and MARGARET P. CAMERON. Little, Brown and Co., 34 Beacon St., Boston 6, Mass., 1962. viii + 125 pp. 18.5 × 12 cm. Price \$2.95.

This report of a one day conference of a Ciba Foundation study group presents a great deal of current information and a look at areas needing additional study in the realm of penicillin resistance. Five papers were reported: Penicillin-resistant penicillins and the problem of the penicillin-resistant staphylococci, Mode of action of the penicillins, Penicillinase, Different types of resistance to different penicillins, and Coagulase-positive staphylococci resistant to benzyl penicillin, methicillin, and other penicillins. Pharmaceutical scientists will find this report helpful in appraising the progress of work in this area and pharmacists in community or hospital practice will find this information helpful in performing their consultant and public health responsibilities.

The Biochemical Bases of Psychoses. By D. W. WOOLLEY. John Wiley & Sons, Inc., 440 Park Ave. South, New York 16, N. Y., 1962. xii + 331 pp. 15 × 22.5 cm. Price \$11.95.

In this book, the author proposes that schizophrenia, manic-depressive psychosis, and a variety of other severe mental disorders arise primarily from a disturbance in the production and function of serotonin. He states that related contributing causes for these diseases are disturbances in the hormones. Detailed experimental evidence is presented to support the hypothesis. Every person working with psychopharmacological drugs should examine the materials presented carefully. The remarkable Dr. Woolley is especially qualified in this area because of his long continued interest in and work with serotonin and LSD. His theories will undoubtedly have a substantial impact on scientific thought on the biochemistry of mental disorders.

Transplantation. Edited by G. E. W. WOLSTENHOLME and MARGARET P. CAMERON. Little, Brown and Co., 34 Beacon St., Boston 6, Mass., 1962. xii + 426 pp. 13.5 × 20 cm. Price \$12.

The Ciba Foundation has produced, in this volume, another important work in an area of timely interest to both scientist and layman alike. This conference report appears to be a supplement to the last transplantation conference held about eight years ago and serves to review and highlight the more important developments during the intervening period. Included in this report are papers on transplantation antigens, cheekpouch skin homografts in the Syrian hamster, transplantation tolerance and immunity in relation to age, homograft sensitivity in human beings, and role of the thymus in transplantation tolerance and immunity, among others. As with previous volumes, author and subject indexes are appended permitting rapid reference to items of particular interest.

Introduction to Pharmacology. By J. J. LEWIS. The Williams and Wilkins Co., 428 East Preston St., Baltimore 2, Md., 1963. xii + 926 pp. 14 × 21.5 cm. Price \$13.

While pharmacology texts generally must contain considerable information on site, mode and type of action, and chemical structure-action relationships, this aspect is especially emphasized here. The significance of chemical structure in relation to the pharmacological action provides a logical approach to the subject. For a detailed and comprehensive discussion of various aspects, standard reference sources will have to be consulted. However, this book will assist in those areas where great detail is not necessary or desirable. The second edition essentially updates the earlier edition published in 1960.

Ion Exchange Separations in Analytical Chemistry. By OLOF SAMUELSON. John Wiley & Sons, 440 Park Ave. South, New York 16, N. Y. 474 pp. 15 × 23 cm. Price \$9.50.

Under three main divisions, the fundamental properties of ion exchange resins along with principles and mechanisms of such separations, the techniques of general usefulness in ion-exchange chromatography, and applications of the process to separations in determinations of inorganic substances are presented. Methods of calculation for use in analytical work are also presented and discussed.

Advances in Organic Chemistry: Methods and Results. Vol. III. Edited by RALPH RAPHAEL, HANS WYNBERG, EDWARD TAYLOR. Interscience Publishers, 440 Park Ave. South, New York 16, N. Y. 333 pp. 15.5 × 23.5 cm. Price \$13.75.

Four contributors present a critical appraisal and evaluation of recent developments in the field of organic chemistry. Boissonnas, R. A., of Sandoz, Ltd., Basle, Switzerland, has contributed a section on selectively removable amino protective groups