

The Ciba Collection of Medical Illustrations. Vol. 3, Digestive System. Part 2, Lower Digestive Tract. Prepared by FRANK H. NETTER. Ciba Pharmaceutical Co., Summit, N. J., 1962. xi + 243 pp. 24 × 30.5 cm. Price \$15.

The second part of volume 3 in this exceptional series of informative art and comment includes seven sections under the headings: Development of the digestive tract, Anatomy of the abdomen, Anatomy of the lower digestive tract, Functional and diagnostic aspects of the lower digestive tract, Diseases of the lower digestive tract, Diseases and injuries of the abdominal cavity, and Hernias. References to the text in the sections (VIII–XIV) and a general subject index are appended.

Steroid Drugs. By NORMAN APPELZWEIG. The Blakiston Division, McGraw-Hill Book Company, Inc., 330 West 42nd St., New York 36, N. Y., 1962. xv + 742 pp. 15 × 22.5 cm. Price \$25.

This one volume reference book on steroid drugs written by one of the pioneers in steroid research and development is divided into four parts: history and background of steroid product development, production processes, steroids in drug therapy, and biologically active steroids. Summaries of progress developments are presented via production flow sheets, process data, charts showing relation of structure to function, and tables of compounds having similar biological activity. This volume also includes a catalog of over 1800 biologically active steroids coded according to their structure which enables the reader to determine whether a structural alteration of a basic steroid has been attempted and the effect of the alteration on its biological activity.

Biochemical Preparations. Vol. 9. Edited by MINOR J. COON. John Wiley & Sons, Inc., 440 Park Ave. South, New York 16, N. Y., 1962. ix + 149 pp. 14.5 × 22.5 cm. Price \$6.95.

This volume contains methods for the preparation of: N-Acetylneuraminlactose, P³²-Labeled adenosine 5'-phosphate and deoxycytidine 5'-phosphate, 5-Benzoyloxyindole, Enzymatic synthesis of (+)-citramalic acid, Chemical synthesis and resolution of (±)-citramalic acid, Coenzyme Q₁₀, 2-Deoxy-D-ribose 5-phosphate, Reduced diphenylpyridine nucleotide (DPNH) oxidase, D-Glucosamine 6-phosphoric acid and D-mannosamine 6-phosphoric acid, Glutamate-aspartate transaminase, γ-Glutamyl-L-cysteine from glutathione, L-α-Glycerolphosphorylcholine, Carboxyl-C¹⁴-labeled 3-hydroxyanthranilic acid, D(-)- and L(+)-β-Hydroxybutyric acids, *threo*-γ-Hydroxy-L-glutamic acid, *threo*-γ-Hydroxy-DL-glutamic acid, Carbonyl-C¹⁴-labeled 3-hydroxy-DL-tryptophan, Hydroxylapatite for protein chromatography, Hydroxypyruvic acid and lithium hydroxypyruvate, 5-Hydroxy-DL-tryptophan, L-*myo*-Inositol 1-phosphate, Malic dehydrogenase from rat liver, *p*-Nitrophenyl carbobenzoxyglycinate, Oleic acid, Enzymatic synthesis of oleic, linoleic, and linolenic esters of cholesterol, Enzymatic synthesis of ribo- and deoxyribonucleoside 5'-triphosphates, Sphingosine, and Tobacco mosaic virus. A subject index is appended.

Medical Abbreviations. Compiled by the SPECIAL STUDIES COMMITTEE OF THE MICHIGAN OCCUPATIONAL THERAPY ASSOC. Michigan Occupational Therapy Assoc., Occupational Therapy, Dept. of Physical Medicine and Rehabilitation, University Hospital, Ann Arbor, Mich., 1961. v + 241 pp. 11 × 15 cm. Price \$2.25.

A paper bound cross reference dictionary compiled from lists of abbreviations obtained from medical centers in an attempt to provide a handbook looking toward the standardization of medical abbreviations.

Practical Neurochemistry. By HENRY MCILWAIN and RICHARD RODNIGHT. Little, Brown and Co., 34 Beacon St., Boston 6, Mass., 1962. vii + 296 pp. 15.5 × 23.5 cm. Price \$10.50.

Those concerned with neural systems in chemical, biochemical, physiological, pharmacological, or pathological study should find useful information in this book. Practical teaching, demonstrating, and research on the mammalian nervous system are the authors' background for this textbook for undergraduate and graduate students in medicine and science.

Progress in Drug Research. Vol. 3. Edited by ERNST JUCKER. John Wiley & Sons, Inc., Interscience Division, 440 Park Ave. South, New York 16, N. Y., 1962. 563 pp. 16.5 × 24 cm. Price \$23.50.

Included in this third annual volume are (in contributed language): Les derives organiques du fluor d' interet pharmacologique, Structure-activity relationship in certain anthelmintics, Recent research in the field of 5-hydroxytryptamine and related indolealkylamines, Uber neue Arzneimittel, A pharmacological approach to allergy, Krebswirksame Antibiotika aus Actinomyceten. A general subject index is appended.

Biological Alkylating Agents. By W. C. J. ROSS. Butterworth Inc., 7235 Wisconsin Ave., Washington 14, D. C., 1962. xi + 232 pp. 13.5 × 22 cm. Price \$10.50.

Chemical compounds capable of acting as alkylating agents under certain physiological conditions are considered in this book. The subtitle of the book "Fundamental Chemistry and the Design of Compounds for Selective Toxicity" indicates the direction of the scope of the text which is divided into two parts. Part 1 reviews the chemical reactivity of the compounds, and Part 2 discusses attempts which have been made to produce agents with selective toxicity toward cancer cells.

Textbook of Biochemistry. 8th ed. By BENJAMIN HARROW and ABRAHAM MAZUR. W. B. Saunders Company, West Washington Square, Philadelphia 5, Pa., 1962. vi + 651 pp. 15.5 × 23 cm. Price \$7.75.

This is a current revision of a textbook on biochemistry and contains chapters on the chemistry of the tissues, hormones, immunochemistry, and chemotherapy as well as others. It carries numerous illustrations, chemical formulas, graphs, and diagrams to assist the student in understanding the subjects presented.