

available on these pages, and by its very nature the volume offers the reader with specialized interest in one segment an opportunity to become aware of what is going on in related research in this field.

The first part of the book includes reports which seem to have been presented at four major sessions; at the end of each a general discussion is included. The latter half includes 53 short communications. The material presented is original and, in general, well documented. Of special interest to the hematologist are a number of reports on erythrocyte, leukocyte, and, to a less extent, platelet enzymology, with emphasis on the glycolytic pathways. In a field as young and as complex as this, as many questions are raised as are answered at such a symposium, and the reader will find portions of the general discussion especially rewarding in interpreting the significance of some of the data presented.

The book is recommended to those interested in current biochemical and enzymologic approaches to hematologic research.

It is unfortunate for those who are not linguists that the lectures and communication are presented in either French, German, Italian or English without an appropriate Interlingua or translated summary.—*Jane F. Desforges*

HEART, KIDNEY AND ELECTROLYTES. Edited by *Charles K. Friedberg*. New York and London, GRUNE & STRATTON, 420 pp., \$11.75.

"Heart, Kidney and Electrolytes," edited by Dr. Charles K. Friedberg, consists of approximately twenty papers which appeared in the journal *Progress in Cardiovascular Diseases* between March and September 1961. The contributions selected for the volume are somewhat heterogeneous in their scope. Although, almost one-half of the articles describe aspects of congestive heart failure, others vary widely, dealing with disparate subjects such as the counter current mechanism for urine concentration, the histopathology of the nephrotic syndrome and the pathophysiology of chronic renal failure. Because of the lack of a central theme, the book will probably appeal to only a limited number of physicians and students.

It should be pointed out, however, that several individual chapters in the volume are among the best reviews available and are written by some of the outstanding investigators in their field. The newest concepts of the physiology of water and electrolyte transport is described in three articles by Richterich, Leaf and Frazier, and Giebisch. Other aspects of renal physiology are described by Ullrich, Kramer, and Boylan in their chapter on the counter current mechanism and by Malvin in the chapter on the stop flow technique. Many aspects of congestive heart failure are covered, including discussions of renal hemodynamics, volume receptors, the hyperkinetic states and dilutional hyponatremia. (Three different chapters describe the pathogenesis of the latter biochemical disturbances.)

In summary, the book is a valuable collection of authoritative and informative reviews but it cannot be considered a complete reference manual or textbook in either the cardiac, renal, or electrolyte fields.—*Jerome P. Kassirer*

BOOKS RECEIVED

PROTHROMBIN. *W. H. Seegers*. Boston, Harvard University Press, 1962, 728 pp. \$15.00.

CIRCULATION (SECTION II). *W. F. Hamilton, and P. Dow*, editors. Washington, D. C., American Physiological Society, 1962, 758 pp. \$24.00.

PROGRESS IN SURGERY. VOL. II. *M. Allgöwer*. Basal and New York, S. Karger, 1962, 318 pp. \$15.00.

ANTICOAGULANT THERAPY. *A. S. Douglas*. Philadelphia, F. A. Davis, Co. 1962, xi+ 394 pp. \$9.00.

- LES GROUPES DES GAMMA-GLOBULINES. *J. Brocteur*. Brussels, Presses Academiques Europeennes S. C., 1962, 114 pp.
- EXTRACORPOREAL HEMODIALYSIS THERAPY IN BLOOD CHEMISTRY DISORDERS. *John E. Doyle*. Springfield, Ill., Charles C Thomas, 1962, vxi+ 353 pp. \$11.50.
- LES THROMBOSES SPLÉNO-PORTALES. *André Parafe, and Jacques Chalut*. Paris, L'Expansion Scientifique Francaise, 1962, 196 pp.
- ENZYMES AND DRUG ACTION. Edited by CIBA. Boston, Little Brown & Co., 1962, 556 pp. \$12.50.
- TUMORS OF BONE AND CARTILAGE. *L. V. Ackerman, and H. Spjut*. Washington, D. C., Armed Forces Institute of Pathology, 1962, 347 pp. \$3.00.
- ANTIMICROBIAL AGENTS AND CHEMOTHERAPY. *M. Finland and G. Savage*, editors. Detroit, American Society for Microbiology, 1962, xiv± 984 pages. \$10.00.
- IKTERUS NEONATORUM. *G. Schellong*. Stuttgart, Georg Thieme Verlag, 1962, 129 pp. \$4.90.
- THE PANCREAS IN HUMAN AND EXPERIMENTAL DIABETES. *S. S. Lazarus, and W. V. Bruno*. New York and London, GRUNE & STRATTON, 1962, 279 pp.
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AMERICAN SOCIETY OF HEMATOLOGY

The Fifth Annual Meeting of the American Society of Hematology will be held in Columbus, Ohio, November 26–28, 1962. Physicians and scientists interested in Hematology are cordially invited to attend. The program will appear in the November issue of BLOOD.