

BOOK REVIEWS

EXPERIMENTAL ATHEROSCLEROSIS. By Louis N. Katz, M.D., Director, Cardiovascular Department, Medical Research Institute, Michael Reese Hospital, Professorial Lecturer in Physiology, University of Chicago, and Jeremiah Stamler, M.D., Research Associate, Cardiovascular Department, Medical Research Institute, Michael Reese Hospital, Chicago. Cloth. \$9.00. Pp. 360 with 36 illustrations. Charles C. Thomas, Springfield, Illinois. Blackwell Scientific Publications, Ltd., Oxford, England. Ryerson Press, Toronto, 1953.

The authors present a review of clinical, pathological, and biochemical studies of atherosclerosis, listing 1713 references, dealing with such matters as the significance of dietary cholesterol, the large lipoprotein molecules, and the role of hormonal factors and physical forces. Experimental studies, chiefly based on the use of the chick as an experimental animal, are described in detail. Of special interest is the demonstration of the reversibility of atherosclerotic lesions. Strong support is presented for the concept that excess cholesterol or altered cholesterol metabolism is always present in the active stages of human atherosclerosis.

HORMONAL FACTORS IN CARBOHYDRATE METABOLISM, VOLUME VI, *Ciba Foundation Colloquia on Endocrinology*, edited by G. E. W. Wolstenholme, O.B.E., M.A., M.B., B.Ch., assisted by Jesse S. Freeman, M.B., B.S., D.P.H. Cloth. 35s. 350. J. & A. Churchill Ltd., London, England, 1953.

The volume contains papers presented at a conference held in London in the summer of 1952, attended by outstanding leaders in physiologic research. The program,

arranged by Professor F. G. Young of Cambridge, dealt with such matters as the enzyme systems concerned in carbohydrate metabolism, the hormonal control of the interconversion of carbohydrate, protein and fat, the role of the anterior pituitary in the synthesis of fat from carbohydrate, as well as the influence of insulin, the sex hormones and the hormones of the adrenal cortex on carbohydrate metabolism.

The detailed information contained in the papers is supplemented by inclusion of the informal discussion in which the members of the conference actively participated under the guidance of the Chairman, Professor Charles H. Best. The volume will be a valuable source of information for all research workers and for practicing physicians who wish to keep abreast of progress in the study of biochemistry and physiology relating to diabetes.

CONNECTIVE TISSUE: *Transactions of the Third Conference, February 14-15, 1952, New York*. Edited by Charles Ragan, M.D., Department of Medicine, College of Physicians and Surgeons, Columbia University, New York. Illustrated. Cloth. \$3.50. New York: Josiah Macy, Jr. Foundation. Pp. 166.

The conference was chiefly concerned with fundamental problems in physical chemistry and physiology, relating to connective tissue. The book is a source of information useful to scientists. The interest to the clinician lies solely in the hope that the researches of the active workers in this field will ultimately lead to a better understanding of the so-called collagen diseases and other clinical problems related to connective tissue in the human body.