ERBLICHE DEFEKTE DES KOHLENHYDRAT-, AMINOSAEUREN UND PROTEINSTOFFWECHSELS

HEREDITARY ERRORS OF CARBOHYDRATE, AMINOACID, AND PROTEIN METABOLISM

Edited by F. Linneweh (Marburg, GFR). Springer-Verlag, Berlin-Heidelberg-New York 1974. Part 1 in Vol. 7, Errors of Metabolism (*Stoffwechselkrankheiten*), of the Handbook of Internal Medicine (*Handbuch der inneren Medizin*) edited by H. Schwiegk. Hard cover with jacket, 17 × 15 cm, XX + 905 pp, 205 illustrations. Price: DM 348.00/US $ 142.00. Subscription price: DM 278.40/US $ 113.60.

Another important contribution to a large German handbook of internal medicine, this volume is of particular value to the medical geneticist. It is essentially divided into four parts. Part 1 provides a human genetic introduction, centered on the clinical aspects of heredity. Part 2 deals with the enzymatic defects of carbohydrate metabolism: pentosuria; essential fructosuria and fructose intolerance; galactosemia; monosaccharide and disaccharide malabsorption; glycogenoses; hypoglycemias; mucopolysaccharidoses; and oxalosis. Part 3 deals with the enzymatic defects of aminoacid metabolism: anomalies of phenylalanine metabolism; histidinemia, leucinosis; cystinosis; homocystinuria; cystathioninuria; and other rarer defects. Finally, Part 4 is devoted to the anomalies of serum proteins and free circulating enzymes: analbuminemia; bisalbuminemia; abetalipoproteinemia and alphalipoprotein family deficiency; hepatolenticular degeneration; haptoglobin variants; immunological deficiencies; pseudocholinesterases; progressive muscular dystrophy and creatine kinase; and hypophosphatasia. The various chapters have been individually contributed by different specialists.

A TWIN STUDY ON LEPROSY

By M.R. Chakravartti (Waltair, AP, India) and F. Vogel (Heidelberg, GFR). Georg Thieme Verlag, Stuttgart 1973. Vol. 1 in the series, Topics in Human Genetics, edited by P.E. Becker, W. Lenz, F. Vogel, G.G. Wendt. Soft cover, 17 × 24 cm, IX + 124 pp, 111 illustrations and 12 tables. Price: DM 54 (approximately US $ 22.00).

A definite genetic variability in leprosy susceptibility appears to be shown by this twin study carried out in endemic districts of India, where concordance was found to be much higher in the 62 MZ than in the 40 DZ twin pairs examined (60% vs. 20%).

LIGHT-EYED NEGROES AND THE KLEIN-WAARDENBURG SYNDROME

By Jenni Soussi Tsafrir (Tel Aviv, Israel). The MacMillan Press, London and Basingstoke. Hard cover with jacket, 15.5 × 23.5 cm, XIV + 153 pp, 21 illustrations, 20 colored plates, 12 tables. Price: £ 7.50 (approximately US $ 18.00).

The analysis of a series of 22 South African Negro families including light-eyed individuals has shown that only few of these are clinically normal variant phenotypes, most subjects being actually affected by Klein-Waardenburg syndrome. The inheritance of the syndrome is confirmed to be autosomal irregular dominant with incomplete penetrance and variable expressivity. The problem of the inheritance of eye color is also examined, with special respect to the factors operating against the expression of " normal " light eyes in Negroes.

BEVOELKERUNGSBIOLOGIE

Beiträge zur Struktur und Dynamik menschlicher Populationen in anthropologischer Sicht

BIOLOGY OF HUMAN POPULATIONS

Contributions to Their Structure and Dynamics

Edited by W. Bernhard and A. Kandler (Mainz, GFR). Gustav Fischer Verlag, Stuttgart 1974. Hard cover with jacket, 16.5 × 24.5 cm, XIV + 730 pp, 146 illustrations and 151 tables. Price: DM 190.00 (approximately US $ 76.00).

Dedicated to Ilse Schwidetsky on her 65th anniversary and inspired to her continued contribution to the field of population biology, this book assembles a large number of contributions by over 50 different specialists. The attempt was to display paradigmatically the entire spectrum of topics dealing with population