

the controlling rate, its catabolism, both specific catabolism and basic catabolism, and again the site or sites and the mechanism of control, and, lastly, the distribution and the rates of exchange between pools. T. Freeman admits that a complete description of this sort is not available for any plasma protein and that for only a few is it possible at present to comment on more than one of these features. Nevertheless, this is a lecture well worth reading and may cause some astonishment at the great deal of knowledge which has been accumulated about the plasma proteins.

In 1967 the conference centred on three topics: membranes, complement activity, and methods of separation. The membranes were discussed from the point of view of molecular structure and function, permeability, transport across membranes, and membranes in different cells, red blood cells, bacterial cells, etc. Fundamental contributions on the subject of the molecular structure and function of membranes were followed by a discussion of their glycoproteins, enzymes, and lipids, including some intriguing contributions on red cell membranes. The section on complement is useful to anyone who has not followed the progress in this field, as it begins with an account of nomenclature and reaction mechanisms of the complement system, and from that point leads into detailed discussions. In the section on electrophoretic

techniques carrier-free electrophoresis and the use of polyacrylamide gel and electrophoresis for 'preparative purposes are described.

A carefully arranged index and numerous references to literature attached to the individual articles make this book a valuable work of reference for a wide variety of laboratories.

H. LEHMANN.

Influence of Sir Aubrey Lewis

Studies in Psychiatry. A Survey of Work Carried Out in the Department of Psychiatry of the Institute of Psychiatry under the Chairmanship of Sir Aubrey Lewis, 1945-66. Edited by Michael Shepherd, D.M., M.R.C.P., D.P.M., and D. L. Davies, D.M., M.R.C.P., D.P.M. (Pp. 345+xi; illustrated 65s.) London: Oxford University Press. 1968.

This volume is dedicated to Professor Sir Aubrey Lewis on his retirement from the Institute of Psychiatry. It contains a collection of essays by some former pupils and complimentary introductions by Seymour S. Kety, of the Harvard Medical School, and P. Baan, the chief of the Mental Health Unit of the World Health Organization. Neil O'Connor contributes a historical article about the Medical Research Council's Social

Psychiatry Unit, of which Sir Aubrey was honorary director.

Part I of the book consists of articles on social treatments of mental illness, social attitudes and psychiatric epidemiology, social psychiatry and mental subnormality, experimental psychological studies of chronic schizophrenia, psychological treatments, and forensic psychiatry. The second part deals with child psychiatry, psychiatric genetics, and psychiatric education and training. Part III presents biological studies on sensorimotor physiology, the work of the metabolic unit, pharmacology, cerebral amine function, and neuroendocrinology of instinctual behaviour. The papers bear out Professor Kety's statement that the Institute of Psychiatry has become, under Sir Aubrey's leadership, a bulwark of sound and scientific psychiatry. Many of the articles have a parochial flavour, which seems to be inevitable in a *Festschrift* of this type.

The book is not quite what the subtitle indicates. Important studies falling within its scope, such as Sainsbury's research into suicide in London, published in 1955, are not mentioned. This is a pity, because the range of research carried out during the period of Sir Aubrey's stewardship was in fact considerably broader than the sample of essays suggests. The promised survey of those 21 productive years remains still to be written.

E. STENGEL.

Books Received

Review is not precluded by notice here of books recently received.

Humangenetik: Ein Kurzes Handbuch in Fünf Bänden. By P. E. Becker. (Pp. 535+xv; illustrated. DM. 198.) Stuttgart: George Thieme Verlag. 1968.

Treatment of Heart Disease in the Adult. By Ira Lloyd Rubin, M.D., F.A.C.P., F.A.C.C., Harry Gross, M.D., F.A.C.P., Sidney R. Arbeit, M.D., F.A.C.C., and Duncan E. Hutcheon, M.D., D.Phil.(Pharm.). (Pp. 393+xiii; illustrated. £7 17s. 6d.) London: Henry Kimpton. 1968.

Performances in Aphasia. A Neurodynamical Diagnostic and Psychological Study. By A. Kreindler and A. Fradis. (Pp. 260; illustrated. 44 F.) Paris: Gauthier-Villars. 1968.

The Dynamics of Uterine Muscle. By Karl-Heinz Mosler. (Pp. 88+viii; illustrated. £2 10s.) Basle and New York: S. Karger. 1968.

Medical Technology—3. Antimicrobial Agents. By Loyd W. Hedgecock, Ph.D. (Pp. 232+xi; illustrated. £3 7s. 6d.) London: Henry Kimpton. 1967.

The Medical Clinics of North America. Endocrine Disorders. Volume 52, No. 2. Edited by William Daughaday, M.D., and Thomas F. Frawley, M.D. (Pp. 229-476+vi; illustrated. No price given.) Philadelphia, London, Toronto: W. B. Saunders Co. 1968.

Physical Standards in World War II. Edited by Leonard D. Heaton, Robert S. Anderson, M.C., U.S.A., and Charles M. Wiltse, Ph.D., D.Litt. (Pp. 356+xxi; illustrated. \$3.00.) Washington, D.C.: Office of the Surgeon General, Department of the Army. 1967.

Cours d'Histologie et Embryologie. By J.-C. Czyba and G. Girod. (Pp. 211+viii; illustrated. No price given.) Lyons: Simep Editions. 1967.

La Parole et l'Enfant Sourd. By S. Borel-Maisonny, C. Kohler, J. C. Lafon, A. Morgon, M. Portmann, M. Ramel, and D. Sadek-Khalil. (Pp. 92; illustrated. No price given.) Lyons: Simep Editions. 1967.

Clinical Surgery. Gynaecology and Obstetrics. Edited by D. W. T. Roberts, M.A., M.Chir., F.R.C.S., F.R.C.O.G. (Pp. 209+ix; illustrated. £3 12s. (red binding), £4 10s. (blue binding) per volume in complete set.) London: Butterworths. 1967.

Surgeon with the Kaiser's Army. By Stephen Westman, M.D., F.R.C.S. (Pp. 185. £2 2s.) London: William Kimber. 1968.

The British Encyclopaedia of Medical Practice. Cumulative Supplement, 1967. No author or editor given. (Pp. 747. £3 12s. Combined price with Medical Progress £6.) London: Butterworths. 1967.

Sbornik Vedeckych Praci. Collection of Scientific Works of the Faculty of Medicine. Charles University at Hradec Kralov. By M. Sercl *et al.* (Pp. 479-594; illustrated. Price not given.) Universita Karlova. 1967.

Beitrag zur Erforschung der allgemeinen Morbidität. By W. Schmincke and A. Lengwinat. (Pp. 253; illustrated. £9 3s. 2d.) Berlin: Veb Verlag Volk und Gesundheit. 1968.

Photography for the Scientist. Edited by Charles E. Engel. (Pp. 632+xviii; illustrated. No price given.) London and New York: Academic Press. 1968.

Die Verteilung der Lungendurchblutung Beim Chronischen Emphysem. By Hans Peter Gurtner. (Pp. 186; illustrated. Fr.DM. 39.00.) Stuttgart: Verlag Hans Huber Bern. 1968.

Neuroradiology Workshop. Volume III: Non-neoplastic Intracranial Lesions. By Leo M. Davidoff, M.D., Harold G. Jacobson, M.D., and Harry M. Zimmerman, M.D. (Pp. 577 +vi; illustrated. \$34.75.) New York and London: Grune & Stratton. 1968.

Alopecia Maligna. A Clinical, Biochemical, and Anthropological-Psychosomatic Study of Eight Patients. By O. R. Hommes and J. J. G. Frick. (Pp. 233; illustrated. £3 5s.) Amsterdam: N. V. Noord-Hollandsche Uitgevers Maatschappij. 1968.

Cellular Aspects of Developmental Pathology. By Robert P. Bolande, M.D. (Pp. 374+ix; illustrated. £7 8s. 6d.) London: Henry Kimpton. 1967.

Chromatographic and Electrophoretic Techniques. Volume II. Zone Electrophoresis. 2nd edition. Edited by Ivor Smith, B.Sc., Ph.D., F.R.I.C., M.I.Biol. (Pp. 524+ix; illustrated. £3 10s.) London: William Heinemann (Medical Books) Ltd. 1968.

Testosterone. Proceedings of the Workshop Conference held from April 20th to 22nd, 1967, at Trembsbüttel. Edited by Jürgen Tamm, M.D. (Pp. 246; illustrated. DM. 48.) Stuttgart: Georg Thieme Verlag. 1968.

Laboratory Animal Symposia. 1—The Design and Function of Laboratory Animal Houses. Edited by Ronald Hare and P. N. O'Donoghue. (Pp. 141; illustrated. £1 2s. 6d.) London: Laboratory Animals Ltd., 7 Warwick Court, London W.C.1. 1968.

BMD. Biomedical Computer Programmes. 2nd edition. Edited by W. J. Dixon. (Pp. 600+x; illustrated. \$6.00.) Berkeley and Los Angeles: University of California Press. 1967.

The Skin Senses. Edited by Dan R. Kenshalo, Ph.D. (Pp. 636+xvii; illustrated. \$26.00.) Springfield: Charles C. Thomas. 1968.