

of what a sensitive human being can stand without being broken in spirit is well worth reading. It is most appropriately dedicated to the late Major-General R. E. Barnsley, until recently curator of the R.A.M.C. historical museum.

GEORGE R. MCROBERT.

Further Reviews on Immunology

Modern Trends in Immunology—2. Edited by Robert Cruickshank, C.B.E., M.D., F.R.C.P., F.R.C.P.Ed., F.R.S.Ed., and D. M. Weir, M.D. (Pp. 342+viii; illustrated. £3 10s.) London: Butterworths, 1967.

The second volume of this excellent series selects for review subjects that are both topical and fundamental. The immunological problems raised by organ transplantation are probably an important stimulus to the present intensive study of the cellular immune responses, and this book includes chapters on the mode of action of immunosuppressive

agents and on the role of the macrophages and lymphocytes.

Both the phagocytic macrophages and the small lymphocytes appear to exhibit several varieties which could not be distinguished by their histological appearance, though they each have their separate functions in the initiation or maintenance of the immune mechanisms. These cell types are now being separated from each other by fluorescence and electron microscopy and by new physico-chemical means. New in-vitro methods for testing the competence of these cells in human patients are making it possible to tackle the problems of altered cellular immunity in diseases, and also provide important means of examining new immunosuppressive agents.

Another very interesting topical development in immunology is the discovery of the IgE class of immunoglobulins and their role in allergy. There is a general review of immunoglobulins, their metabolism and functions, and a chapter dealing with the pharmacological mediators of hypersensitivity, including histamine, the kinins, slow reacting substance of anaphylaxis, and lymph node permeability factor. The chapters on bacterial and viral antigens and on adjuvants will be of interest to microbiologists and epidemiologists. White cell and platelet antibodies

are being recognized in transfusion reactions, and the importance of their antigens in tissue typing adds to their interest. This contribution by the French immunohaematologists J. Dausset and J. Colombiani has suffered somewhat in translation.

The addition of regular reviews on immunology as applied to clinical problems to the *Modern Trends* series has been welcomed by everyone interested in this growing field.

DEBORAH DONIACH.

Richard Gordon takes the adventures of the hero of his last novel (*The Facemakers*, reviewed 18 November 1967, p. 409) a stage further in *Surgeon at Arms*. He describes the inception and development of a unit where men whose faces had lost any likeness to human beings, mainly from burns sustained in air battles, were restored to at least semblances of their former selves.

This main theme is sustained in the guise of a biographical account of the central character, an irascible and somewhat unsympathetic surgeon of the breed admired by those who enjoy the fictional exploits of doctors. The great contribution made by plastic surgeons during the second world war is clearly portrayed. It is published by Heinemann (pp. 300: 27s. 6d. net).

Books Received

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

Familiar Medical Quotations. Edited by Maurice B. Strauss, M.D. (Pp. 968+xix. 125s.) London: J. & A. Churchill Ltd. 1968.

Beyond the Therapeutic Community. Social Learning and Social Psychiatry. By Maxwell Jones. (Pp. 150+xxii. 58s.) London: Yale University Press. 1968.

Cell Structure. An Introduction to Biological Electron Microscopy. By Peter G. Toner and Katharine E. Carr. (Pp. 190+viii; illustrated. 40s.) Edinburgh: E. & S. Livingstone. 1968.

Addiction and Opiates. By Alfred R. Lindesmith, Ph.D. (Pp. 295+vii. \$7.50.) Chicago: Aldine Publishing Co.

American Heart Association Monograph. No. 18: The National Diet-Heart Study Final Report. (Pp. 428+x; illustrated. \$3.50.) New York: American Heart Association. 1968.

American Heart Association Monograph. No. 19: Cardiovascular Surgery, 1967. Edited by Dr. C. Frederick Kittle. (Pp. 217; illustrated. \$3.) New York: American Heart Association Inc. 1968.

Proceedings of Fourth World Congress of Psychiatry. Part 3. Free Communications. Edited by J. J. Lopez Ibor. (Pp. 1354-2226c +xv; illustrated. £12 11s.) Amsterdam: Excerpta Medica Foundation. 1968.

Institute of Psychiatry, Maudsley Monographs. No. 18. The Classification of Depressive Illnesses. By R. E. Kendell, M.D., M.R.C.P., D.P.M. (Pp. 102+vii; illustrated. 40s.) London: Oxford University Press. 1968.

Design and Operation of Evaporators for Radioactive Wastes. Compiled by Y. Yamamoto, assisted by N. Mitsuishi and S. Kadoya. (Pp. 115; illustrated. £1 0s. 10d.) Vienna: International Atomic Energy Agency. 1968.

Coude, Infections Ostéo-Articulaires, Pied. By R. Judet. (Pp. 214; illustrated. 64 F.) Paris: Masson & Cie. 1968.

Surgical Pathology of Gynecologic Disease. By Cary M. Dougherty, M.D. (Pp. 690+xi; illustrated. \$35.) New York: Harper & Row. 1968.

Anesthesia for Infants and Children. 3rd edition. By Robert M. Smith, M.D. (Pp. 530+xii; illustrated. 157s. 6d.) London: Henry Kimpton. 1968.

Anxiety and Neurosis. By Charles Rycroft. (Pp. 159+xii. 30s.) London: Allen Lane, The Penguin Press. 1968.

Sickness and Society. By Raymond S. Duff, M.D., and August B. Hollingshead, Ph.D. (Pp. 390+xiii. £5 6s.) London: Harper & Row. 1968.

Actualités Hématologiques. Edited by Jean Bernard. (Pp. 258. 40 F.) Paris: Masson & Cie. 1968.

Modern Perspectives in World Psychiatry. Edited by John G. Howells, M.D., D.P.M. (Pp. 787+xxxvi; illustrated. £8 8s.) Edinburgh and London: Oliver & Boyd. 1968.

Structure and Function of Inhibitory Neuronal Mechanisms. Edited by C. von Euler, S. Skoglund, and U. Söderberg. (Pp. 563+ix; illustrated. £9 5s.) Oxford: Pergamon Press. 1968.

The Biochemical Approach to Life. By F. R. Jevons, M.A., Ph.D., D.Sc. (Pp. 226; illustrated. 21s.) London: George Allen & Unwin Ltd. 1968.

Atlas of Diseases of the Oral Mucosa. By J. J. Pindborg. (Pp. 215; illustrated. D.Kr. 225.) Copenhagen: Munksgaard. 1968.

Paediatric Cardiology. Edited by Hamish Watson, T.D., M.D.(Ed.), F.R.C.P.(Ed.), M.R.C.P.(Lond.). (Pp. 996+xx; illustrated. £13.) London: Lloyd-Luke (Medical Books) Ltd. 1968.

A Synopsis of Endocrinology and Metabolism. By David G. Ferriman, D.M.(Oxon.), F.R.C.P. (Lond.), and Ian C. Gilliland, M.D.(Edin.), F.R.C.P.(Lond. and Edin.). (Pp. 160+vii; illustrated. 30s.) Bristol: John Wright & Sons Ltd. 1968.

Problèmes Actuels Relatifs à la Nutrition et à la Diététique. Edited by M. Dérot, H. Bour, and G. Héraud. (Pp. 219+vii. 50F.) Paris: Masson & Cie. 1968.

Atlas of Haematology. By George A. McDonald, T. C. Dodds, and Bruce Cruickshank. 2nd edition. (Pp. 212+viii; illustrated. £5 5s.) Edinburgh and London: E. & S. Livingstone Ltd. 1968.

Home on the Neva. By Herbert Swann. (Pp. 192; illustrated. 36s.) London: Victor Gollancz Ltd. 1968.

International Histological Classification of Tumours. No. 2. Histological Typing of Breast Tumours. By R. W. Scarff and H. Torloni. (Pp. 20+illustrations. £4 16s.) Geneva: W.H.O. 1968.

Isotopes and Radiation in Parasitology. Joint FAO/IAEA Division of Atomic Energy in Food and Agriculture. (Pp. 157; illustrated. £1 9s. 2d.) Vienna: International Atomic Energy Agency. 1968.

The Care of the Rheumatoid Hand. 2nd edition. By Adrian E. Flatt, M.A., M.D., F.R.C.S., F.A.C.S. (Pp. 234+xiii; illustrated. 126s.) London: Henry Kimpton. 1968.

Health Services in Israel. Edited by Th. Grushka, M.D. (Pp. 455+xix; illustrated. No price given.) Jerusalem: The Ministry of Health. 1968.

Encyclopaedia of Cybernetics. Translated from the German *Lexikon der Kybernetik*, by G. Gilbertson, B.A. (Pp. 214; illustrated. 50s.) Manchester University Press. 1968.

The Drugs You Take. By S. Bradshaw, M.B., Ch.B. (Pp. 255. 5s.) London: Pan Books Ltd. 1968.