

<sup>11</sup> Brodie J. Antibodies and the Aberdeen typhoid outbreak of 1964. I. The Widal reaction. *J Hyg* 1977;**79**:161-80.

<sup>12</sup> Gardner AD. An international experiment on the Widal reaction. *J Hyg* 1937;**37**:124-42.

<sup>13</sup> Protell RL, Soloway RD, Martin WJ, Schoenfield LJ, Summer-

skil WHJ. Anti-salmonella agglutinins in chronic active liver disease. *Lancet* 1971;ii:330-2.

Requests for reprints to: Dr T Pang, Department of Medical Microbiology, Faculty of Medicine, University of Malaya, Kuala Lumpur, Malaysia.

## The March 1983 issue

### THE MARCH 1983 ISSUE CONTAINS THE FOLLOWING PAPERS

Osteomalacia and osteoporosis: evaluation of a diagnostic index MJ McKENNA, R FREANEY, OM CASEY, RP TOWERS, FP MULDOWNNEY

Alpha-I-microglobulin: an indicator protein for renal tubular function H YU, Y YANAGISAWA, MA FORBES, EH COOPER, RA CROCKSON, ICM MacLENNAN

Consequences of avascular necrosis of the femoral head in aluminium-related renal osteodystrophy and the role of endochondral ossification in the repair process J McCLURE, PS SMITH

Perineural spread by squamous carcinomas of the head and neck: a morphological study using anti-axonal and antimyelin monoclonal antibodies RL CARTER, CS FOSTER, ELIZABETH A DINSDALE, MR PITTAM

Occurrence of mesangial IgA and IgM deposits in a control necropsy population R SINNIAH

Nature of the inflammatory cell infiltrate in duodenitis M HASAN, FRANCES HAY, W SIRCUS, ANNE FERGUSON

Morphometric characterisation of 52 B cell non-Hodgkin's lymphomas P VAN DER VALK, A MOSCH, PJ KURVER, CJLM MEIJER

A comparative study of nuclear form factor, area and diameter in non-Hodgkin's lymphomas and reactive lymph nodes J CROCKER, EL JONES, RC CURRAN

The form factor of alpha-naphthyl acetate esterase-positive cells in non-Hodgkin's lymphomas and reactive lymph nodes J CROCKER, EL JONES, RC CURRAN

Langerhans cells increase in the dermal lesions of adult T cell leukaemia in Japan M SHAMOTO

Antibody synthesis within the central nervous system: comparisons of CSF IgG indices and electrophoresis EJ THOMPSON, PG RICHES, J KOHN

Disordered function of mononuclear phagocytes in malignant disease RJ SOKOL, G HUDSON

Chronic neutrophilic leukaemia with enlarged

lymph nodes and lysozyme deficiency W FEREMANS, L MARCELIS, D ARDICHVILI

Increased erythrocyte superoxide dismutase activities in  $\beta^0$ -thalassaemia/haemoglobin E and in haemoglobin H diseases P YENCHITSOMANUS, P WASI

Raised Coulter mean corpuscular volume in diabetic ketoacidosis, and its underlying association with marked plasma hyperosmolarity LA EVAN-WONG, RJ DAVIDSON

Changes in the blood platelets of alcoholics during alcohol withdrawal R FINK, RA HUTTON

Automated reading of a microtitre plate: preliminary evaluation in antimicrobial susceptibility tests and Enterobacteriaceae identification RJ COURCOL, H DELEERSNYDER, M ROUSSEL-DELVALLEZ, GR MARTIN

*Clostridium perfringens* and other anaerobes isolated from bile Y SAKAGUCHI, K MURATA, M KIMURA

Detection and identification of group B streptococci by use of pigment production MA NOBLE, JACQUELINE M BENT, ANN B WEST

A rapid immunoperoxidase assay for the detection of specific IgG antibodies to *Chlamydia trachomatis* R CEVENINI, F RUMPIANESI, M DONATI, I SAROV

Relation between antithrombin III and clinical and serological parameters in systemic lupus erythematosus MP JARRETT, D GREEN, C TS'AO

#### Technical method

A rapid method for the detection of antibodies to *Toxoplasma gondii* using a modification of the Toxoreagent latex test J NAGINGTON, AL MARTIN, AH BALFOUR

#### Letters to the Editor

#### Book reviews

#### Some new titles

#### Corrections

#### Notice

Copies are still available and may be obtained from the PUBLISHING MANAGER.

BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, LONDON WC1H 9JR. price £5.00, including postage

biochemical, and ultra-structural level. It helps one to look at the muscle fibre and understand how various processes affect it.

There is a particularly good chapter on pathological reactions, with good illustrations of the changes and a discussion of their cause. One thing the working pathologist might welcome in this context is a short description of artefacts produced by poor surgery and indifferent handling of the specimen. These are obvious when gross, but difficult to interpret if minimal. The rest of the volume contains 21 chapters devoted to specific muscle diseases, written by workers who in most cases have themselves contributed to the field. Most of the illustrations are of a high standard and there are a large number of references.

This is an important bench book on a growing field of pathology.

BARBARA SMITH

**New Approaches to Laboratory Medicine.** Ed SB Rosalki. (Pp 186; illustrated; DM 29.80.) G-I-T Verlag Ernst Giebeler. 1981.

The papers reported in this volume are divided into three sections, *New Approaches to Quality Control*, *New Approaches to Immunochemistry*, and *New Approaches to The Identification of Cells*. The papers on quality control refer almost entirely to haematological problems and a paper by Vincent Marks and his colleagues on antibody diversity will be of interest to all engaged in radioimmunoassay. Other interesting papers in the immunochemistry section include one by SB Rosalki on immunochemical enzyme systems, and one on monoclonal antibodies as blood typing reagents. There are a number of papers on immunocytochemical identification of cells and other related topics.

This volume provides a number of insights into fields which are growing rapidly and will be of most value to the pathologist who wishes to keep an eye on developments outside his own immediate interest.

MG RINSLER

**Clinical Neuropathology.** RO Weller, M Swash, DL McLellan, and CL Scholtz. (Pp 329; 209 figs; DM 100/£23.50.) Springer-Verlag. 1982.

The close relationship between neuropathology, clinical neurology, neurosurgery, and neuroradiology is emphasised in this book. It is edited by two neuropathologists and two neurologists and there are thirteen contributors from a

broad spectrum of the neurosciences.

Introductory chapters deal with the historical background of neurology and neuropathology, histological and anatomical concepts, the interpretation of neurological symptoms and signs, and the basic pathological reactions of the nervous system. These are followed by more detailed accounts of cerebrovascular disease, trauma, neoplasia, infection, developmental and neonatal neuropathology, metabolic disorders, in-born lysosomal storage disorders, hereditary and system disorders, dementia, diseases of peripheral nerve, and diseases of muscle. Relatively more space is allocated to areas in which substantial recent advances have been made such as metabolic disorders and pituitary neoplasia. At the end of each chapter there are a few relevant references for further reading.

This book is nicely produced and well illustrated by a mixture of diagrams and clear black and white photographs. It is not a detailed account of neuropathology and will not solve many of the problems of the specialist. However, it is well written, readable, and maintains perspective of the role of neuropathology in clinical practice. It should be of widespread interest, particularly to trainee pathologists, general pathologists, clinical teachers, and clinical neurologists and neurosurgeons.

WR TIMPERLEY

**Advances in Immunology.** Vol 33. Ed HG Kunkel and FJ Dixon. (Pp 367; illustrated; \$45.00.) Academic Press Inc. 1982.

This is another in the excellent series edited by Drs Kunkel and Dixon. Like most of its predecessors this volume is largely of interest to professional immunologists. The first chapter is potentially an interesting one to clinicians since it deals with the influence of the X chromosome on immunity. However, it deals mainly with immune responses in mice in a manner which has little to help clinical understanding. It unfortunately leaves out the interesting work on the influence of sex hormones on the development of the autoimmune disease in NZB mice. The next chapter on the biology of monoclonal lymphokines is likewise mainly of interest to those working in this particular field. The chapter by Eng Tan on antibodies to nuclear antigens on the other hand is topical and of much interest to clinicians and clinical pathologists. It has some excellent illustrations, and gives a good account of these antigen-antibody systems and their clinical significance. The last two chapters on the contact system of plasma, and on the bind-

ing of bacteria to lymphocyte subpopulations revert again to the interests of the pure scientist, although holding promise in the future for understanding some clinical conditions.

For Immunology and Pathology libraries this is a must, although only the enthusiast is likely to want this particular volume at its present price for his or her personal shelf.

RA THOMPSON

## Some new titles

The receipt of these books is acknowledged, and this listing must be regarded as sufficient return for the courtesy of the sender. Books that appear to be of particular interest will be reviewed as space permits.

**Guidelines for the Control of Leptospirosis.** WHO Offset Publication no 67. Ed S Faine. (Pp 176; Sw fr 15.) World Health Organisation. 1982.

**Handbook of Clinical Chemistry.** Vol 1. CRC Series in Clinical Laboratory Science. Ed Mario Werner. (Pp 559; illustrated; \$110.) CRC Press Inc. 1982.

**Commentaries on Research in Breast Disease.** Vol 2. Ed RD Bulbrook and D Jane Taylor. (Pp 180; illustrated; £22.) Alan R Liss Inc. 1981.

**Chemicals, Industrial Processes and Industries Associated with Cancer in Humans.** IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans, Supplement 4. IARC Monographs vols 1-29. (Pp 467; Sw fr 60.) World Health Organisation. 1982.

## Notice

### Second International Workshop on *Campylobacter* infections

The Second International Workshop on *Campylobacter* Infections will be held in Brussels on 6-9 September 1983, under the auspices of the Free University of Brussels, The British Public Health Laboratory Service and the International Centre for Diarrhoeal Disease Research in Dacca. Copy date for contributions is 16 April 1983, to be sent to Dr AD Pearson, Director, Public Health Laboratory, Level B, South Block, Southampton General Hospital, Southampton SO9 4XY. Telephone number: 0703 776177. Telex: 47669 SHAMQY G or 47674-MATCOM G.