

Demonstration of abnormal immunity, T cell histamine receptor deficiency, and successful treatment with thymic extract. *N Engl J Med* 1981;304:146-53.

Requests for reprints to: Dr JA Thomas, Department of Histopathology, Royal Marsden Hospital, Sutton, Surrey, England.

The February 1982 Issue

THE FEBRUARY 1982 ISSUE CONTAINS THE FOLLOWING PAPERS

Quantitative bone histology in 38 patients with advanced renal failure JB EASTWOOD

Quantitative analysis of non-Hodgkin's lymphoma CEDRIC R ABBOTT, ROBERT W BLEWITT, COLIN C BIRD

Detection of surface immunoglobulins of human lymphoid cells: a comparative study of live and fixed cells using a direct immunoperoxidase procedure GUY LAURENT, MARIE FRANÇOISE GOURDIN, FELIX REYES

Immunological study of human lungs by immunoperoxidase technique BERNARD FOX, SAMI SHOUSHA, KEITH R JAMES, GILLIAN C MILLER

Practical use of a word processor in a histopathology laboratory JAMES C BRIGGS, NASSIF BN IBRAHIM, IAN MACKINTOSH, DAVID NORRIS

Macrophage origin of Reed-Sternberg cells: an immunohistochemical study SV PAYNE, DH WRIGHT, KJM JONES, MA JUDD

Lysosomal localisation of parallel tubular arrays in chronic lymphocytic leukaemia of T cell origin: an ultrastructural cytochemical study FRÉDÉRIQUE CAPRON, JEAN YVES PERROT, CLAUDE BOUCHEIX, MICHEL REYNES, VIVIANE TRICOTTET-PACZYNSKI, ALAIN BERNADOU, JAQUES DIEBOLD

Iron granules in plasma cells MARGARET K COOK, MICHAEL MADDEN

Granulocyte chemotaxis: multiple assay screening using a raft technique U JAYASWAL, S ROPER, S ROATH

Bone marrow processing and cryopreservation DC LINCH, LJ KNOTT, KG PATTERSON, DA COWAN, PG HARPER

Cell structure and percent viability by a slide centrifuge technique MARGARET G FITZGERALD, CS HOSKING

Ascorbate status and fibrinogen concentrations after cerebrovascular accident R HUME, BD VALLANCE, MM MUIR

Circulating CK-MB and CK-BB isoenzymes after gastrointestinal surgery SWEI H TSUNG

Total CK activity and isoenzyme patterns in normal and neoplastic tissue of gastrointestinal tract SWEI H TSUNG

Serum glutamate dehydrogenase is not a reliable marker of liver cell necrosis in alcoholics WJ JENKINS, SB ROSALKI, Y FOO, PJ SCHEUER, E NEMESANSZKY, S SHERLOCK

Diagnosis of *Legionella pneumophila* infections by means of formalised yolk sac antigens TG HARRISON, AG TAYLOR

Failure of the fluorescent antibody reaction to identify penicillinase-producing gonococci SHEENA A WAITKINS, R DAWN ANDERSON

Osteomyelitis and septic arthritis caused by *Kingella Kingae* JM DAVIS, MM PEEL

Swabs and swab-transport media kits in the isolation of upper respiratory bacteria PW ROSS, CG CUMMING, H LOUGH

Comparative study of three tests (dye test, indirect haemagglutination test, latex agglutination test) for the detection of antibodies to *Toxoplasma gondii* in human sera ALAN H BALFOUR, DG FLECK, HUW PA HUGHES, D SHARP

Appraisal of Anotox, a new anerobic atmospheric detoxifying agent for use in anaerobic cabinets JS BRAZIER

Technical methods

Tissue carbohydrate identification by the use of lectins KP WEST, HA PLATTS, A FLETCHER, F WALKER
A method for transmission and scanning electron microscopy of undecalcified human bone marrow biopsy specimens using cryofracture F KUTO, T NAGAOKA, M HAYASHI, Y HIRASAWA, H TOKUHIRO

Letters to the Editor

Book Reviews

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

of urothelial neoplasms. *Scand J Urol Nephrol [Suppl]* 1972 19.

Umiker W, Lapides J, Sourenne R. Exfoliative cytology of papillomas and intra-epithelial carcinomas of the urinary bladder. *Acta Cytol* 1962;6:255-66.

Umiker W. Accuracy of cytologic diagnosis of cancer of the urinary tract. *Acta Cytol* 1964;8:186-93.

Wiggishoff CC, McDonald JH. Urinary exfoliative cytology

in tumours of the kidney and ureter. *J Urol* 1969;102:170-1.

Requests for reprints to: Dr W Highman, Department of Pathology, St Paul's Hospital, 24 Endell St, London WC2H 9AE, England.

Reports and Bulletins prepared by the Association of Clinical Biochemists

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2 Renal function tests suitable for clinical practice
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3 Biochemical tests for the assessment of fetoplacental
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4 Test of exocrine pancreatic function March 1977
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5 Assay of cholinesterase in clinical chemistry March
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MEADE *et al.*

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and P PURKISS

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SAUNDERS and RF BURNS

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alysis November 1977 P WILDING, JF ZILVA, and
CE WILDE

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immunoassay January 1980 CE WILDE and D OTTEWELL

41 The use of biochemical tests in the diagnosis of
disorders of calcium metabolism July 1980 ANGELA
FAIRNEY

Colour Atlas of Breast Cytopathology. Chandra Grubb. (Pp 55; 318 illustrations; £25.00.) HM + M Publishers Ltd. 1981.

This is a good introduction to breast cytology interpretation for some histopathologists are being urged by their surgical colleagues to widen their diagnostic horizons and give patients with breast lumps a better deal by introducing aspiration breast cytology. This atlas is a good introduction to the field.

The colour reproduction is good. The author has standardised the magnifications and generally illustrates similar fields stain by Papanicolaou and the Romanowski methods.

The dangers of reporting benign cells as malignant is well shown in the case of some cysts, duct ectasia, and fibro adenomas. However it is a pity that "sentinel nuclei", the most important indication of the need for caution, are not given an oil immersion view afforded to the much less important if more attractive "opocrine cells" of cyst fluid.

A little histopathology is included. This illustrates well the correlation with cytology in the case of breast cysts and carcinomas. Other histology photomicrographs do not reach the high standard of the cytology and many histopathologists may question Dr Grubb's interpretation of a few of them.

JV LEVER

A Beginner's Handbook in Biological Transmission Electron Microscopy. 2nd ed. Brenda S Weakley. (Pp 252; illustrated; £9.75.) Churchill Livingstone. 1981.

A useful introduction to the mysteries of electron microscopy, which is aimed at a non specialist audience, is provided here. The explanation of basic theory is much less daunting than that found in more extensive books, and the section on hazardous chemicals and their safe handling is admirable. Those chapters dealing with the actual mechanics of electron microscopy are rather less successful. There is an imbalance in the amount of detail given for different processes which would make reference to more detailed volumes essential in the laboratory. It is a book to be read rather than used at the bench.

PR FRYER

The Epidermis in Disease. Eds R Marks and E Christophers. (Pp 597; illustrated; £24.95.) MTP Press Limited. 1981.

The International Conference on The Epidermis in Disease held in Cardiff in April, 1979 is reported in this book. It is an excellent record of the "state of the art" of epidermal research and investigative disease and underlines both the quantity and the high quality of work being done in this field. "The Epidermis" is broadly interpreted and areas such as cell adhesion, cutaneous pharmacology, photobiology, and the role of that current favourite among dermatological investigators—the Langerhans cell—are all covered. My only grumble is the two year gestation period between conference and publication. This means that some of the articles have already appeared in modified form in the dermatological journals.

The volume is recommended as a useful record of epidermal research in the late 1970s. It is well produced and relatively inexpensive.

RONA M MACKIE

Notices

Inserm 8th Colloquium on Hormones and Cell Regulation

This Symposium will be held in Alsace, France on 4-7 October 1982. For information, please write to: Dr R Denton, Department of Biochemistry, University of Bristol Medical School, Bristol BS8 1TD.

1st International Conference on the Endocrine Lung in Health and Disease

This Conference will be held in Washington DC, USA on 2-4 June 1982. It is organised by Dr KL Becker and Dr AF Gazder of the National Cancer Institute and the George Washington University Medical Center. For information, please write to: Peter Petrossian, Office of CME, George Washington University Medical Center, 2300 K St, NW Washington DC 20037, USA.