

It is a pleasure to thank Dr. William T. Moss, Director of Therapeutic Radiology, for his interest in this work and for making its accomplishment possible.

REFERENCES

- Chaikoff, I. L., Taurog, A., and Reinhardt, W. O. (1947). *Endocrinology*, **40**, 47.
- Clark, D. E., Moe, R. H., and Adams, E. E. (1949). *Surgery*, **26**, 331.
- Dowben, R. M. (1960). *J. Lab. clin. Med.*, **55**, 132.
- Fields, T., Kinnory, D. S., Kaplan, E., Oester, Y. T., and Bowser, E. N. (1956). *Ibid.*, **47**, 333.
- Harsha, W. N. (1951). *J. clin. Endocrinol.*, **11**, 1524.
- Lahr, T. N., and Tabern, D. L. (1958). Abbott Pharmaceuticals.
- Riggs, D. S. (1952). *Pharmacol. Rev.*, **4**, 284.
- Schultz, A. L., Sandhaus, S., Demorest, H. L., and Zieve, L. (1954). *J. clin. Endocrinol.*, **14**, 1062.
- Seed, L., Jaffé, B., and Baumeister, C. (1951). *Ibid.*, **11**, 1143.
- Sheline, G. E., and Clark, D. E. (1950). *J. Lab. clin. Med.*, **36**, 450.
- , Moore, M. C., Kappas, A., and Clark, D. E. (1951). *J. clin. Endocrinol.*, **11**, 91.
- Van Middlesworth, L., Nurnberger, C. E., and Lipscomb, A. (1954). *Ibid.*, **14**, 1056.
- Zieve, L., Vogel, W. C., and Schultz, A. L. (1956). *J. Lab. clin. Med.*, **47**, 663.

The March 1963 Issue

THE MARCH 1963 ISSUE CONTAINS THE FOLLOWING PAPERS

Iron storage in human disease *Fractionation of hepatic and splenic iron into ferritin and haemosiderin with histochemical correlations* E. H. MORGAN and M. N. I. WALTERS

A puerperal haemorrhagic state due to a heparin-like anticoagulant M. L. N. WILLOUGHBY

The levels of the plasma coagulation factors after trauma and childbirth E. DAVIDSON and S. TOMLIN

The estimation of heparin co-factor in serum I. J. TEMPERLEY

Insulin-binding antibodies in relation to insulin therapy J. N. HARRIS-JONES, H. MILLER, and G. OWEN

The value of leucocyte alkaline phosphatase determinations in the diagnosis of ectopic pregnancy W. G. STAFF, R. W. BURSLEM, and L. POLLER

Malignant melanoma of the anal canal B. C. MORSON and H. VOLKSTÄDT

Infarction of the human liver R. CARROLL

Extensive intracranial lesions in a case of orbital non-specific granuloma combined with polyarteritis nodosa K. E. ÅSTRÖM and S. O. LIDHOLM

Hypopituitarism caused by a melanoma of the pituitary gland JAMES MCE. NEILSON and A. D. MOFFAT

Atypical epithelial changes in the uterine cervix JAMES A. KIRKLAND

Spinal cord compression following vertebral osteomyelitis due to *Alkalescens-Dispar* J. BRIGGS and R. G. LASCELLES

Observations on the use of the Coulter model D electronic cell counter in clinical haematology A. N. BLADES and H. C. G. FLAVELL

Platelet counting using the Coulter electronic counter M. J. EGGLETON and A. A. SHARP

Technical methods

Rapid whole-blood platelet counting using an electronic particle counter ROBERT D. EASTHAM

A double sampler unit for the AutoAnalyzer D. EVERARD and G. SEYMOUR

An inexpensive method for the estimation of true glucose in blood and other fluids by the AutoAnalyzer GEORGE DISCOMBE

Colorimetric determination of glucose in 20 μ l. of blood DIANA M. CAMPBELL and the late E. J. KING

A new method for determination of the serum iron RONA SANFORD

Automatic determination of blood cholesterol J. BOY

Separation of human lymphocytes and monocytes using an 'oil bottle' IRA GREEN and WILMA SOLOMON

Concentration of dilute haemoglobin solutions with Sephadex B. DEUTSCH, R. D. LEVERE, and J. LEVINE

Book reviews

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

BRITISH MEDICAL ASSOCIATION, TAVISTOCK SQUARE, W.C.1., price 18s. 6d.

Book Review

A HISTORY OF AMERICAN PATHOLOGY By Esmond R. Long, (Pp. xiv + 460; illustrated. \$12.50.) Springfield, Illinois: Charles C. Thomas. 1962.

While this purports to be a history of American pathology it contains a great deal more for there are important accounts and facts concerning hospitals, medical schools, journals, and societies. Almost until the beginning of this century the leaders in pathology were also foremost clinicians—the same is true today in some specialities—and so the early part of the book is largely the history of American medicine and the influence on it of various European schools of thought.

As was the case in Bologna, Paris, and London the morbid anatomist appears to have been the first of the pathologists on the American scene. On one of Jacques Cartier's voyages to Newfoundland in the year 1535, both at sea and ashore there was a heavy mortality from scurvy and so he had one of the crew, who seems to have had a penchant for human dissection, open up no less than 50 of the bodies to ascertain the cause of the bleeding. By 1641 the importance of morbid anatomy seems to have been recognized because in that year, when it was surmised that Governor Henry Sloughter of New York had been poisoned by an enemy, a verdict of natural causes was proposed by Johannes Kerfbyle, formerly of Leyden, who had been entrusted with the post-mortem examination.

The influence of Benjamin Rush on American pathology was considerable but there were others who played their parts: they included Samuel Jackson, William Wood Gerhard, Oliver Wendell Holmes, Alonzo Clark, and William Edward Horner who, while training in Europe, had been greatly impressed with Broussais and his work. In the year 1848 there appeared the famous textbook of Alfred Stille in which he maintained that pathological anatomy had already run its course and the future lay with the microscope to discover facts 'deep within the recesses of organized matter'. This same mistaken prophecy that morbid anatomy has had its day has been made many times since and it has often been said of morbid histology, but Francis Delafield set the view at nought on his return to America from Germany where he had been studying with Virchow. It was Delafield who inspired W. H. Welch, the lifelong friend of Osler, and the greatest of influences in America on the teaching of pathology.

Just as clinical pathology in Britain as we know it today had its origins in the provinces, the same was true in the United States. It was Philip Hillkowitz (1873-1948), a hospital pathologist in Denver, who founded a Denver Society of Clinical Pathology in 1921, which later that year became the Colorado Society of Clinical Pathology. In the following year the American Society of Clinical Pathologists was convened with Hillkowitz as President and Ward Burdick (1880-1928), also of Colorado, as Secretary. The first society on the American continent

to be devoted to pathology was that founded in Philadelphia in the year 1839.

The final chapter in this interesting book is devoted to the important subject of support for research. Current trends in pathology are studied and the recent remarkable expansion in medical research is regarded as part of the general speeding up of all aspects of technical research in the interests of national security. Dr. Long is not dismayed because of the increasing tendency in America for diagnostic laboratories to spring up in the various clinical departments of big hospitals seemingly in opposition to the economic ideals of a centralized hospital department, because clinical pathologists today seem to be fully cognizant of their growing responsibility in teaching and in the prosecution of research and have on several occasions recently so expressed their views in public.

W. H. MCMENEMEY

THE COLLEGE OF PATHOLOGISTS

Following a postal ballot amongst the 1,118 subscribers to the College of Pathologists, the following Office Bearers and Council have now been elected by the procedure accepted at a meeting of subscribers:—

President

Sir Roy Cameron, F.R.S.

Vice-Presidents

Professor D. F. Cappell, C.B.E.

Professor J. W. Howie

Dr. A. G. Signy

Honorary Treasurer

Dr. F. Hampson

Registrar

Professor T. Crawford

Assistant Registrar

Dr. J. L. Stafford

Council

Dr. E. N. Allott; Professor N. H. Ashton; Professor G. J. Cunningham, M.B.E.; Dr. E. M. Darmady; Dr. J. S. Faulds; Professor J. Gough; Professor C. V. Harrison; Professor N. H. Martin; Dr. Janet S. F. Niven; Professor C. L. Oakley, F.R.S.; Professor R. W. Scarff, C.B.E.; Professor C. K. Simpson; Dr. G. Stewart Smith; Dr. Joan Taylor; Professor R. E. O. Williams

The first tasks before the Council will include the completion of the procedures for legal incorporation of the College as a Limited Company and for the admission of Founder Members.

Broadsheets prepared by the Association of Clinical Pathologists

The following broadsheets (new series) are published by the Association of Clinical Pathologists. They may be obtained from Dr. R. B. H. Tierney, Pathological Laboratory, Boutport Street, Barnstaple, N. Devon. The prices include postage, but airmail will be charged extra.

- | | |
|--|---|
| <p>3 The Detection of Barbiturates in Blood, Cerebro-spinal Fluid, Urine, and Stomach Contents. 1953. L. C. NICKOLLS. 1s.</p> <p>4 The Estimation of Carbon Monoxide in Blood. 1953. D. A. STANLEY. 1s.</p> <p>5 The Identification of Reducing Substances in Urine by Partition Chromatography on Paper. 1953. G. B. MANNING. 1s.</p> <p>6 The Paul-Bunnell Test. 1954. R. H. A. SWAIN. 1s.</p> <p>7 The Papanicolaou Technique for the Detection of Malignant Cells in Sputum. 1955. F. HAMPSON. 1s.</p> <p>13 The Identification of Serotypes of <i>Escherichia coli</i> Associated with Infantile Gastro-enteritis. 1956. JOAN TAYLOR. 1s.</p> <p>14 The Determination of Serum Iron and Serum Unsaturated Iron-binding Capacity. 1956. ARTHUR JORDAN. 1s.</p> <p>16 Preservation of Pathological Museum Specimens. 1957. L. W. PROGER. 1s.</p> <p>17 Cultural Diagnosis of Whooping-cough. 1957. B. W. LACEY. 1s.</p> <p>18 The Rose-Waaler Test. 1957. C. L. GREENBURY. 1s.</p> <p>20 Investigation of Porphyrin/Porphyruria. 1958 (re-printed 1962). C. RIMINGTON. 2s.</p> <p>23 The Dried Disc Technique for Bacterial Sensitivity Tests. 1959. R. W. FAIRBROTHER and J. C. SHERRIS. 1s.</p> <p>24 Safe Handling of Radioactive Tissues in the Laboratory and Post-mortem Room. 1959. R. C. CURRAN. 1s.</p> <p>26 The Periodic Acid-Schiff Reaction. 1959. A. G. E. PEARSE. 1s.</p> <p>28 Daily Fatty Acid Excretion. 1960. A. C. FRAZER. 2s.</p> <p>29 The Preparation of Bone for Diagnostic Histology. 1960. D. H. COLLINS. 2s.</p> | <p>30 Control of Accuracy in Chemical Pathology. 1961. G. H. GRANT. 4s.</p> <p>31 Investigation of Haemorrhagic States with Special Reference to Defects of Coagulation of the Blood. 1961. E. K. BLACKBURN. 4s.</p> <p>32 Detection of Resistance to Streptomycin, P.A.S., and Isoniazid in Tubercle Bacilli. 1961. R. CRUICKSHANK and S. M. STEWART. 2s.</p> <p>33 The Laboratory Detection of Abnormal Haemoglobins. 1961. H. LEHMANN and J. A. M. AGER. 4s.</p> <p>34 Titration of Antistreptolysin O. 1961. H. GOODER and R. E. O. WILLIAMS. 2s.</p> <p>35 The Estimation of Faecal 'Urobilinogen'. 1961. C. H. GRAY. 2s.</p> <p>36 Quantitative Determination of Porphobilinogen and Porphyrins in Urine and Faeces. 1961. C. RIMINGTON. 3s. 6d.</p> <p>37 The Paper Electrophoresis of Serum and Urinary Proteins. 1961. G. FRANGLIN and N. H. MARTIN. 4s.</p> <p>38 The Augmented Histamine Gastric Function Test. 1961. M. LUBRAN. 2s.</p> <p>39 Investigation of Haemolytic Anaemia. 1961. J. G. SELWYN. 2s.</p> <p>40 Short Term Preservation of Bacterial Cultures. 1962. E. Joan Stokes. 2s.</p> <p>41 Serological Tests for Syphilis. 1962. A. E. WILKINSON. 6s.</p> <p>42 The Determination of Glucose 6-Phosphate Dehydrogenase in Red Cells. 1962. T. A. J. FRANKERD. 2s.</p> <p>43 Mycological Techniques. 1962. R. W. RIDDELL. 3s. 6d.</p> |
|--|---|

CORRECTIONS

In the paper 'Observations on the use of the Coulter model D electronic cell counter in clinical haematology' (Blades, A. N., and Flavell, H. C. G., *J. clin. Path.*, 16, 158-163) Fig. 9 should be Fig. 8 and *vice versa*. Also on page 163, col. 1, line 3 should read 'gives a blank count at a threshold level of 5 of about 300 per 0.5 ml.'

In the book reviewed on page 185 by E. S. Anderson of ENTEROBACTERIACEAEINFEKTIONEN the sentence '(There is a misprint . . . 1923-1928.)' should read '(There is a misprint in the text at this point, the English figures being erroneously quoted as covering the period 1933-38 instead of 1923-1938.)'