

a common cure has been so strong that it has sometimes ignored the sober reality of facts.

More than thirty years ago Warburg offered a theory which he thought would explain the basic nature of the malignant state of cells. It referred to the possibility that the cancer cell in comparison with its normal counterpart suffers from an impaired respiration and consequently develops another means of producing energy—namely, the fermentative one—which is also known as the glycolytic pathway. Over the years a great number of reviews, summaries, and criticisms have been written, articles published, even whole books have been printed, to assess the validity and significance of the Warburg concept.

Recently Dr. Aisenberg has produced a monograph in which he restates the whole problem of energy metabolism of tumours, and, supported by numerous references to experimental work in the field, discusses its implications. In a brief but concise fashion he touches on all aspects: the anaerobic and aerobic glycolysis of normal and tumour tissue, the oxidative metabolism of tumours, the so-called Pasteur and Crabtree effects representing regulation of respiration and glycolysis, and the dependence of tumours on oxidative and glycolytic energy. He comes to the conclusion, as others did before him, that, while tumours have a high glycolysis rate and a somewhat marginal respiratory apparatus as compared with a great number of normal tissues, there is no compelling evidence—so he says—to place the energy metabolism of tumours in the central position of the neoplastic process. This is regretted because of the pressing need for a rational approach to the chemotherapy of cancer. This is expressed by Aisenberg, who finishes his excellent monograph with the following words: "At the present time, it is not possible to say . . . that the cancer cell can or cannot be controlled by a selective chemotherapeutic attack on its energy metabolism." Translated into action, this means more work for the biochemist, histologist, and experimental pathologist, who are also expected to pay more attention to the problem with regard to human cancers.

F. BERGEL.

## BOOKS RECEIVED

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

**Coronary Vasodilators.** By R. Charlier. (Pp. 208+xi; illustrated. 55s.) Oxford, London, New York, Paris: Pergamon Press. 1961.

**Handbook of Research Methods in Child Development.** Edited by Paul Henry Mussen. (Pp. 1,061; illustrated. £6 2s.) London: John Wiley and Sons. 1961.

**The Red Cell.** By T. A. J. Pranker, M.D. (Pp. 184; illustrated. 32s. 6d.) Oxford: Blackwell Scientific Publications. 1961.

**Antibiotica et Chemotherapie.** Vol. 9. Edited by O. Gsell and R. L. Mayer. (Pp. 188. Sw. Fr. 40.) Basle, New York: S. Karger. 1961.

**Age is Opportunity.** (Pp. 203. 8s. 6d.) London: The National Council of Social Service. 1961.

**Les Techniques Sociométriques.** By Georges Bastin. (Pp. 184. No price.) Paris: Presses Universitaires de France. 1961.

**Lipide Metabolism.** Edited by Konrad Bloch. (Pp. 411. 84s.) New York, London: John Wiley and Sons, Inc. 1961.

**Fearon's Introduction to Biochemistry.** Edited by W. J. E. Jessop, M.D., M.Sc., F.R.C.P.I., D.Ph., F.R.I.C. (Pp. 473. 30s.) London: William Heinemann Medical Books Ltd. 1961.

**Die Erkrankungen der Gallenwege und des Pankreas.** By Walter Hess. (Pp. 672; illustrated. DM. 142.) Stuttgart: Georg Thieme Verlag. 1961.

**Quantitative Methods in Pharmacology.** Edited by H. de Jonge. (Pp. 391; illustrated. 84 guilders.) Amsterdam: North Holland Publishing Company. 1961.

**IXth International Congress of Radiology (Proceedings).** Vols. I and II. Edited by B. Rajewsky. (Pp. 1,625; illustrated. DM. 240.) Stuttgart: Georg Thieme Verlag. Munich and Berlin: Urban and Schwarzenberg. 1961.

**La Méningite Purulente Traitee.** By Pierre Mozziconacci and François Girard. (Pp. 247. NF. 39.) Paris: Masson et Cie. 1961.

**Memory, Learning, and Language.** Edited by William Feindel. (Pp. 69; illustrated. 16s.) University of Toronto Press. 1961.

**Learning to Love.** By Alan H. B. Ingleby. (Pp. 142. 10s. 6d.) London: Robert Hale Ltd. 1961.

**Gefässwand und Blutplasma.** Edited by R. Emmrich and E. Perlick. (Pp. 250; illustrated. DM. 44.80.) Jena: Veb Gustav Fischer Verlag. 1961.

**The Public Health Inspector's Handbook.** By Henry H. Clay, F.R.S.H., F.I.P.H.E. (Pp. 673; illustrated. £2 15s.) London: H. K. Lewis and Co. Ltd. 1961.

**Milk: the Mammary Gland and its Secretion.** Vols. I and II. Edited by S. K. Kon and A. T. Cowie. (Pp. 515 and 423. £5 and 86s.) New York and London: Academic Press. 1961.

**Listeriosis.** By H. P. R. Seeliger. (Pp. 308; illustrated. Sw. Fr. 55s.) Basel and New York: S. Karger. 1961.

**Der menschliche Lymphknoten.** By Bernfried Leiber. (Pp. 474; illustrated. DM. 248.) Munich and Berlin: Urban and Schwarzenberg. 1961.

**Robert Koch und Sein Werk.** By Johannes Kathe. (Proceedings of the German Academy of Sciences in Berlin.) (Pp. 60; illustrated. No price.) Berlin: Akademie Verlag. 1961.

**Papers of the Pavlov Institute of Physiology. Vol. 9, Problems of Physiology and Pathology, Digestion and Metabolism.** (Pp. 538.) Moscow. 1960.

**Britannica Book of the Year, 1961.** (Pp. 564; illustrated. 5 gns.) Chicago, London, Toronto: Encyclopaedia Britannica, Ltd. 1961.

**Pediatric X-ray Diagnosis.** By John Caffey, A.B., M.D. Fourth edition. (Pp. 1,236; illustrated. 532.) Chicago: Year Book Medical Publishers.

**An American Social Worker in Italy.** By Jean Charnley. (Pp. 323. 42s.) Minneapolis: University of Minnesota Press. 1961.

**The Clinical Application of Antibiotics.** By M. E. Florey, M.D. Volume II: *Streptomycin and Other Antibiotics Active Against Tuberculosis.* (Pp. 336+ix; illustrated. 84s.) London, New York, Toronto: Oxford University Press. 1961.

**Miscellaneous Notes (Eleventh Series).** By F. Parkes Weber, M.D., F.R.C.P., F.S.A. (Pp. 7. 2s. 6d.) London: H. K. Lewis and Co. Ltd. 1961.

**Clinical Orthopaedics.** Editor: Anthony F. DePalma. No. 18. (Pp. 293+ix; illustrated. 60s.) Philadelphia and Montreal: J. B. Lippincott Company. 1961.

**New and Nonofficial Drugs, 1961. An Annual Compilation of Available Information on Drugs, Including their Therapeutic, Prophylactic and Diagnostic Status, as Evaluated by the Council on Drugs of the American Medical Association.** (Pp. 849+xxix. 30s.) Philadelphia and Montreal: J. B. Lippincott Company. 1961.

**Les Virus.** By Pierre Lépigne. (Pp. 123. No price.) Paris: Presses Universitaires de France. 1961.

**Problems of Evolution of Physiological Functions.** A collection dedicated to the 75th birthday of L. A. Orbeli. (Pp. 162. No price.) Moscow, Leningrad: Academy of Sciences, U.S.S.R. 1958.

**Beloved Son Felix. The Journal of Felix Platter, a medical student in Montpellier in the Sixteenth Century.** Translated and introduced by Sean Jennett. (Pp. 155; illustrated. 25s.) London: Frederick Muller Ltd. 1961.

**Problems of the Physiology of the Processes of Fatigue and Recovery.** Translated by M. Roublev. (Pp. 264. No price.) Kiev: Academy of Sciences of the Ukrainian S.S.R. 1958.

Earl of CRANBROOK, who spoke about a "disaster" if the ancient and important scientific societies were forced to cut down on their publications and libraries—the working tools of scientists—seemed to think a solution might be found if the decision were to rest with a county council rather than the smaller rating authority.

#### Lord Hailsham Offers Negotiation

What the Earl of HALSBURY asked from the Government was some positive assurance, as distinct from an expression of hope, about what they intended to do for the learned societies. All he got from Viscount HAILSHAM as the Government spokesman was the hope without the assurance. "On the whole," he said, "there is a prospect—I cannot give positive assurances to-day—of fairly general agreement between the Government and the societies about the way in which this should be tackled." He acknowledged that the Pritchard proposals had not met with the approval of Westminster and St. Marylebone, among other local authorities; he recognized what the burden of rates would mean to a society of this kind; and he had told a deputation from the learned societies, he recalled, that the Government were prepared to consider ways in which they could help. "My own thought is," he said, "that it cannot be dealt with by rate relief in any form; and if it is dealt with at all it will have to be by grants in some form." He nominated the royal societies and the British Academy as the best vehicles for this kind of negotiation, and left an open invitation for them to do so—"if they were prepared to act we should be glad to hear from them."

### QUESTIONS IN THE COMMONS

#### Intake of Medical Students

Mr. KENNETH ROBINSON (St. Pancras, North, Lab.) asked the Minister of Health on June 5 whether he was reviewing, in the light of the current and future needs of the National Health Service, the conclusions of the Willink Committee on the intake of medical students, and if he would make a statement on future policy in this respect. Mr. ENOCH POWELL: The Secretary of State for Scotland and I are reviewing the data and calculations which underlie the estimates in the Willink Committee's Report. The student intake is larger now than when the committee reported. Mr. ROBINSON said he was glad to hear that, and, after describing the Willink Report as "one of the most disastrous ever acted upon," asked if they were not facing an increasing shortage of doctors. Mr. POWELL: So far from there being a reduction in the student intake following the Willink Report, the intake is higher than four years ago.

Dr. BARNETT STROSS (Stoke-on-Trent, Central, Lab.) asked the Minister to agree that if the young registrars from the Commonwealth were to be withdrawn, as they might be in great numbers in future, there would be very great difficulty. Mr. POWELL said he agreed that that was an important factor in the statistical picture.

Dr. DONALD JOHNSON (Carlisle, Con.) asked the Chancellor of the Exchequer if he would state the number of students entering medical schools in each year for the last eight years. Sir EDWARD BOYLE said that figures up to 1953 were not available. Figures for the last seven years supplied by the University Grants Committee were as follows: 1954, 2,609; 1955, 2,700; 1956, 2,441; 1957, 2,497; 1958, 2,353; 1959, 2,472; and 1960, 2,580.

#### Doctors on Unemployment Benefit

Dr. DONALD JOHNSON asked the Minister of Pensions and National Insurance how many doctors were in receipt of unemployment benefit at the latest convenient date. Mr. J. BOYD-CARPENTER said he was informed by the Minister of Labour that on June 1, 1961, there were 30 doctors on the Professional and Executive Register in receipt of unemployment benefit.

#### Prescription Charges

Mr. L. PAVITT (Willesden, West, Lab.) asked the Minister of Health if he would reconsider the amount charged for items of prescription in the light of the 20% decrease shown by the fall from 22,200,000 items in February, 1961, to 17,500,000 items in March, 1961. Mr. POWELL: No. Mr. PAVITT claimed that this was adequate evidence of the failure of the policy on prescription charges. He also said he had submitted evidence to the Minister from the Willesden area of a chemist who had been asked several times, when there were three items on prescriptions, which one was important because the mother could not afford the other two till the end of the week. Mr. POWELL explained that there were many factors which no doubt played a part in the fall between February and March, and which made the March figure in itself of little help and guidance—for example, the influenza epidemic ended before the end of February, and this year March was exceptionally fine. Mr. K. ROBINSON said the Minister had estimated a 2% fall in prescriptions but had got a 20% drop. This compared also with increases in February and March last year. Was not this evidence that people were not getting the prescriptions they needed? Mr. POWELL said it was not. They could not take individual months without regard to the circumstances. No less than experience over the whole year could disclose any trends which were capable of being interpreted in that way.

Sir HUGH LINSTEAD (Putney, Con.) suggested that it might be wise for the Minister to initiate an inquiry to find out what the situation was, in view of the differing evidence and opinions. Mr. POWELL answered that he still thought it was too early for anything of that kind. He was sure that the professions and bodies that administered the Service would bring to his attention any evidence that came their way.

#### Hammersmith Hospital Secretary

Mrs. JOYCE BUTLER (Wood Green, Lab.) asked the Minister on June 2 if he had reached a decision with regard to an inquiry into the appointment of a new secretary to the board of governors of the Hammersmith Postgraduate Teaching Hospital. Mr. POWELL said yes. Having obtained a full statement from the board of governors on the circumstances surrounding this appointment, he had come to the conclusion that they disclosed no reason for an inquiry. He had so informed the Institute of Hospital Administrators, who had asked him to set up an inquiry, and had sent them a copy of the statement.

## Universities and Colleges

#### UNIVERSITY OF CAMBRIDGE

The Sir Lionel Whitby Medal for 1959–60 has been awarded to Dr. C. W. M. Adams.

In Congregation on May 13 the degree of M.B. was conferred on J. D. Geddes.

#### UNIVERSITY OF ABERDEEN

Mr. C. G. Clark has been appointed to a senior lectureship in surgery from July 12, 1961.

The following have been appointed to terminable Lectureships in Anatomy during the periods indicated in parentheses: Dr. G. S. Robertson and Dr. Manik Singh (April 1 to September 30, 1961); Dr. W. L. Armstrong and Dr. R. L. Gordon (October 1, 1961, to September 30, 1962); and Dr. W. R. C. Turner and Dr. A. I. G. Davidson (September 1, 1961, to August 31, 1962).

Dr. G. M. M. Robb has been appointed to a terminable Lectureship in Biological Chemistry from October 1, 1961, to September 30, 1962.

#### UNIVERSITY OF LONDON

On Foundation Day, November 23, the honorary degree of D.Sc. will be conferred on Sir Howard Florey, F.R.S., and the honorary degree of LL.D. on Sir Francis Fraser.

Dr. O. J. Lewis, Senior Lecturer at St. Bartholomew's Hospital Medical College, has been appointed to the University Readership in Anatomy tenable at that College.

The title of Professor of Urology in the University has been conferred on Mr. Ralph Shackman in respect of his post at the Postgraduate Medical School of London.

The following candidates have been approved at the examinations indicated:

THIRD M.B., B.S.—<sup>1</sup> Anne C. Berry, <sup>1</sup> L. M. Blendis, <sup>1</sup> A. J. Bonn, <sup>1</sup> T. J. H. Clark, <sup>1</sup> M. H. Devereux, <sup>1</sup> R. M. B. Dowling, <sup>1</sup> D. Faro, <sup>1</sup> Audrey J. E. Flower, <sup>1</sup> J. Gerwat, <sup>1</sup> G. J. T. Lewis, <sup>1</sup> Ann-Mary E. Macdonald, <sup>1</sup> C. S. Ogg, <sup>1</sup> Ilfra J. Pink, <sup>1</sup> D. S. Reeves, <sup>1</sup> 2<sup>4</sup> Linda M. Skolar (University Medal), <sup>1</sup> G. H. Smith, <sup>1</sup> G. P. Williams, <sup>1</sup> F. J. Woodroffe, M. F. A'Brook, Katherine J. Adcock, M. Aidoo, S. Al-Khedheri, Betty J. Allen, C. D. Allen, R. T. J. Allen, Kathleen M. Allsopp, E. J. J. Almeida, K. Ametewee, A. C. Antcliff, P. P. Anthony, Ann P. Appleby, R. F. Armstrong, Roma S. Ashby, Lesley B. Ashworth, D. A. Aubrey, J. C. C. Ayling, H. Baddeley, Rosemarie A. Bailford, B. L. Baker, J. S. Ball, J. L. K. Bankes, Alexandra L. H. Barber, E. Barker, G. Barlow, Judith A. Barnard, Bernice M. S. Barnett, J. J. D. Bartlett, T. P. Bartlett, C. G. Beardwell, H. B. Begg, M. S. Bell, A. R. Bellau, C. L. Berry, D. B. Berzon, A. C. Bird, C. G. Bird, M. B. J. Bishop, M. Black, Sheena Blackburn, Frances M. Blydenstein, Anne J. V. Boardman, C. J. Bolt, R. A. Bond, Mavis A. Bonnard, C. A. Booth, H. C. Booth, J. C. Bouch, J. M. H. Boyce, Lorna W. Bratton, P. J. Brewer, H. W. E. Briscoe, A. J. Bron, E. J. Brown, J. Brown, Lorna A. Brown, R. N. Brownfield, D. A. Bryan, W. Bunting, C. R. Campin, R. A. N. Caplan, J. W. Carswell, E. J. P. P. F. Caruana-Galizia, Shirley G. Castle, M. E. Cavendish, Heather C. Chapman, Margaret W. Childie, I. N. Chima, K. F. Chittenden, John Chung Kwai Choy, P. J. Clarkson, N. G. Cockman, S. L. Cohen, Christine M. Colley, J. M. Collis, Jane E. Colliss, N. B. E. Cooter, Penelope A. Cove-Smith, D. R. Covington, W. S. C. Cox, D. R. Dudge, D. G. Daniel, Judith M. Darmady, Gillian Davey, D. L. Davies, J. D. Davies, M. J. Davies, R. P. Davies, D. M. Denison, S. B. R. Desai, H. M. A. Dixit, Margaret J. Dixon, R. Dixon, R. J. Donnelly, J. A. Dornandy, P. J. Doust, F. P. T. Drake, R. M. Drake, A. M. Driscoll, Maureen B. Duggan, Joy B. Edelman, R. S. Edmondson, D. F. Elson, C. W. Elston, D. A. Evans, C. V. Everard, P. R. H. Evison, R. W. T. Farley, M. J. Farr, Barbara V. Faulk, T. Feizi, R. H. Fell, T. J. fyche, I. T. Field, C. J. Fielding, Shirley M. Fisher, J. M. T. Ford, R. France, S. Gallannaugh, R. H. Gandy, S. W. Garland, A. F. Gazdar, Vera Gellert, M. A. N. Ghods, B. V. Gill, H. M. Gillespie, L. J. Goldfine, Kathleen M. Goodwin, D. N. Gordon, Rosamund Gould, Sally M. Grantham, Judith Greenwood, B. W. Griffiths, D. J. Grundy, D. G. Gwyn, J. D. Hailstone, Jennifer M. Hall, J. H. Hall, M. S. Hall, J. F. Hallpike, R. E. Hamill, Ruth Hamilton, J. A. Hanne, I. W. Hanwell, J. C. Harding, M. W. Harper, N. P. A. L. Harper, D. L. Harris, Deirdre A. Hart, J. C. D. Hart, I. C. Harvey, D. J. Hatch, W. E. Hawes, Judith M. Hawker, T. J. Hawkins, P. M. Hayward, S. Hazboun, D. C. Herbert, E. B. Herd, Penelope B. Hewitt, Doreen M. M. Heyworth, B. M. Hogbin, Tessa Holman, J. T. Holmes, Hilary J. Honey, J. Hood, A. P. Hopkins, Alisa Horning, Barbara J. Horrell, P. M. B. Howard, Margaret E. Hughes, Kathleen M. Hunt, W. J. Hunter, L. A. Hurt, D. W. Hyatt, M. Indech, Angela M. H. Jackson, Marianne Janosi, M. I. V. Jayson, Anne M. Jéquier, D. L. Johns, M. G. Johnson, P. M. Johnson, B. M. Jones, T. Kajtar, P. G. Kay, Susan Kay, Anne B. Kenshole, Heather S. Kerr, Penelope J. Key, D. E. L. King, M. H. King, N. J. W. Kippax, Veronica Kirtton, Coral R. Knight, E. K. Korley, Heather Lachlan, W. A. Landers, Eileen Larkin, R. G. C. Lett, Cynthia N. A. Levett, W. A. Lindsay, A. J. Lines, Jennifer Lloyd, Barbara V. Longley, T. J. McCarthy, Mary B. MacKeith, Jean McKinnon, Fatemeh E. Mahid, A. C. J. Maendl, Micheline M. Maher, J. K. C. Maile, D. E. I. Mais, Cynthia M. Marcon, R. H. Marston, D. J. Martin, J. P. Martin, M. H. J. Martin, C. A. S. Mason, D. Mathias, B. F. Meggitt, Lucy Mensah, D. S. Miller, Helen R. Miller, M. Millington, Diana E. Millward, Mary C. Milne, Patricia J. Money, Maldwyn Morgan, Ruth M. Morris, P. R. Mortimer, D. B. Moss, Julia A. Munro, M. Murray, Judith C. Naylor, Pauline M. Naylor, J. M. Nocton, P. M. J. O'Donnell, P. M. O'Driscoll, J. A. Ogyaadu, N. J. Osborn, B. W. Otridee, A. Padfield, M. E. Paul, R. H. Pearce, Margaret Pedlar, R. A. Peebles, M. C. O. Phillips, M. C. Pietroni, Margaret N. R. Pitt, Dorothy E. Platts, J. O. M. Pobee, A. J. Poole, Bernadette M. V. Porter, E. W. Powell, G. A. Prall, A. Prestwich, M. G. Prinn, W. G. Prout, W. E. M. Pryse-Phillips, B. W. Pullen, Margaret Pyke, D. C. Quantock, M. C. Rallings, R. G. Rathbone, Kathleen F. Rayner, A. J. Reed, C. P. Reynolds, Janis M. Richmond, D. M. Rickes, Joyce M. Robinson, Valerie A. Rogers, Joy G. Roworth, Jane D. D. Rowswell, Bridget A. Rylands, K. Safo-Adu, S. Sahai, J. B. Sales, R. W. Salmon, A. H. Sarafian, S. H. Saunders, R. J. Schick, A. Schulman, D. Shaffer, A. B. Shaw, Brenda N. Shaw, A. C. P. Sjörén, Vivienne A. Skinner, M. A. Skivington, D. H. Smith, H. D. Smith, Jacqueline Q. Smith, P. N. Sperry, T. A. Spratley, T. N. Stanbridge, S. L. R. Stanton, D. Steel, D. L. Stevens, R. Stilwell, N. Stoddart, E. Stonehill, J. C. H. Strachan, Margaret E. Tamblin, Angela C. Telfer, A. C. Templeton, G. M. Theobald, L. K. H. Therkildsen, G. O. Thomas, Valerie J. Thomas, W. H. F. Thomson, A. E. Thorn, J. G. B. Thurston, K. A. Turner, Sophie S. Turner, Elizabeth J. Tyler, Rosemary A. Underhill, J. M. Varney, J. P. Vaughan, Frances Wahl, Pamela G. Wales, B. A. Wallace, B. B. Wallace, Sheila L. Waller, Barbara C. Walsh, E. R. Walrond, J. B. Watkins, B. M. Watson, M. Watson, L. M. Webber, A. D. Wedderspoon, Sally K. Weeks, D. J. Westlake, T. K. Wheeler, D. C. Whyte, D. H. Wickenden, B. T. Williams, Margaret Williams, C. E. R. Winer, B. E. P. Wookey, B. J. Woolford, R. J. Worden, Ann F. Worsfold, Adela W. Wright, I. G. Wylie, Caroline R. S. M. Wynne-Roberts, E. Young, M. A. Zatouloff.

<sup>1</sup>With honours. <sup>2</sup>Distinguished in pathology. <sup>3</sup>Distinguished in medicine. <sup>4</sup>Distinguished in applied pharmacology and therapeutics. <sup>5</sup>Distinguished in surgery. <sup>6</sup>Distinguished in obstetrics and gynaecology.

#### UNIVERSITY OF BIRMINGHAM

The following representatives have been appointed: Professor A. L. d'Abreu, Professor W. Melville Arnott, Professor T. McKeown, and Dr. A. G. W. Whitfield, on the Standing Joint Committee of the University, the United Birmingham Hospitals, and the Birmingham Regional Hospital Board for the year April 1, 1961, to March 31, 1962; and Dr. T. L. Hardy on the Worcestershire Local Medical Trainee Practitioner Scheme.

Sir Francis Knowles, Lecturer in Anatomy, and Dr. E. C. Fox, Lecturer in Dental Surgery, have been promoted to Senior Lectureships from October 1, 1961.

The title of University Research Fellow has been conferred on Dr. G. M. Aber, Senior Registrar attached to the Medical Professorial Unit, for the tenure of his present appointment, or for the period of his stay at the University.

#### UNIVERSITY OF LIVERPOOL

Dr. Harold Wilson has been appointed Senior Lecturer in Pharmacology from October 1, 1961.

#### UNIVERSITY OF SHEFFIELD

The following appointments are announced:—*Full-time*: Dr. J. M. Hudson, Dr. G. J. Lloyd, and Dr. B. K. Sood, Demonstrators in Anatomy; and Dr. V. Dubowitz, Lecturer in Child Health. *Part-time*: Dr. A. C. Woodmansey, Clinical Teacher in Psychiatry; Mr. J. T. Rowling, Clinical Teacher in Surgery; and Dr. A. Stanworth, Lecturer in Ophthalmology.

#### ROYAL COLLEGE OF SURGEONS OF ENGLAND

At a meeting of the Council of the College held on May 11, with Sir Arthur Porritt, President, in the chair, a resolution of condolence was passed on the death of Professor Julian Taylor, a member of Council.

Dr. E. Rohan Williams (St. Mary's Hospital) was admitted as a Fellow by election, and Mr. T. A. Ogilvie, F.R.C.S.Ed., was elected to the Fellowship *ad eundem*.

A certificate of honourable mention for the Jacksonian Prize for 1960 was presented to Mr. H. Hamilton Stewart, of Bradford.

The Cartwright Prize for 1960 was presented to Professor G. L. Howe, of Newcastle upon Tyne. A certificate of honourable mention for the Cartwright Prize for 1960 was presented to Mr. H. P. Cook, of the Middlesex Hospital.

The Begley Prizes were awarded to Miss Susan Key, of the University of Liverpool, and Miss Rosemary Raymonde Norton, of Guy's Hospital Medical School.

The President was appointed as representative on the governing body of the British Postgraduate Medical Federation for the year 1961-2.

Mr. A. Hedley Whyte was reappointed as representative on the council of King's College, Newcastle upon Tyne.

The Laming Evans senior research fellowship of Mr. R. G. Smith was renewed for a second year from April 19, 1961.

A Diploma in Anaesthetics was granted, jointly with the Royal College of Physicians of London, to J. M. Cundy.

After the meeting the first Bland-Sutton Lecture was delivered by Dr. Frank Stansfield on "Sir John Bland-Sutton, 1855-1936: His Life, Habits, and Friends."

## Vital Statistics

### Road Casualties in March

There were 581 deaths from road accidents during March. Of this total 252 were pedestrians, 46 were pedal-cyclists, 127 were motor-cyclists, scooter, or moped riders, and 156 were drivers and passengers in cars and other vehicles. In addition, 6,317 persons were seriously injured. The March figures brought the death roll on the roads during the first three months of 1961 up to 1,548, an increase of 90, or over 6%, compared with the corresponding months of 1960. Motor traffic is estimated to have increased by about 12% over the same period.

### Infectious Diseases

Although the epidemic of *measles* is subsiding, the notifications during the week ending May 27 were still running at a high level, particularly in Bristol, Stoke-on-Trent, Croydon, Brighton, Birmingham, and Leeds. In Birmingham also seven cases of *acute poliomyelitis* were notified. In an outbreak of *food-poisoning* in Gosport 114 cases were notified.

### Graphs of Infectious Diseases

The graphs below show the uncorrected numbers of cases of certain diseases notified weekly in England and Wales. Highest and lowest figures reported in each week during the years 1952-60 are shown thus -----, the figures for

awarded the Family Planning Association's 1960 Oliver Bird Prize for his paper, "Anti-fertility Substances and their Assessment in the Male Rodent."

Mr. SOMERSET MAUGHAM has become the first Englishman to be made an honorary Senator of Heidelberg University. The award was conferred during a ceremony to mark the 575th anniversary of Germany's oldest university.

Professor RALSTON PATERSON has been awarded the Gold Medal in Therapeutics of the Society of Apothecaries of London "in recognition of his outstanding work in the field of radiotherapy." It will be presented on June 20.

### COMING EVENTS

**Ernestine Henry Lecture.**—Dr. J. M. BARNES, "The Mode of Action of Some Toxic Substances with Special Reference to the Effects of Prolonged Exposure," June 20, 5 p.m. See advertisement p. 57.

**Indian Medical Service.**—Dinner, June 23, East India and Sports Club, St. James's Square, London S.W.1. Applications to Dr. P. H. ADDISON, 27 Sudbury Court Drive, Harrow.

**Oxford Graduates Medical Club.**—Summer dinner, June 24, Pembroke College, Oxford. Chairman: Mr. T. HOLMES SELLORS. Details from Dr. R. BRYCE-SMITH, Department of Anaesthetics, Radcliffe Infirmary, Oxford.

**National Association for Mental Health.**—Meeting arranged in collaboration with Churches' Council of Healing and Central Churches Group of the National Council of Social Service, "The Work of the Academy of Religion and Mental Health in the U.S.A. and Relevant British Experience," June 26, 3 p.m., Barnes Hall, Royal Society of Medicine, 1 Wimpole Street, London W.1. Details from N.A.M.H., 39 Queen Anne Street, London W.1.

**Tuberculosis Society of Scotland and British Tuberculosis Association.**—Annual conference, Edinburgh, June 29–July 1. Details from, and applications to, by June 24, Administrative Secretary, B.T.A., 59 Portland Place, London W.1.

**Cambridge Graduates' Medical Club.**—Annual general meeting and dinner, June 30, Sidney Sussex College. Members who have not received notice, and any others interested, write to Mr. H. H. E. BATTEN, 67 Bridge Street, Cambridge.

**Nutrition Society.**—Symposium, "Nutrition and Metabolic Defects," July 15, 11 a.m., Laboratory of Physiology, Oxford. Chairman, Sir HANS KREBS, F.R.S. Details from Miss D. F. HOLLINGSWORTH, c/o Ministry of Agriculture, Fisheries and Food, Great Westminster House, Horseferry Road, London S.W.1.

**Whittington Hospital.**—Symposium, "Chest Diseases in Children," July 26, 11.30 a.m., Whittington Hospital, Museum Lecture Theatre, Archway Wing, Archway Road, London N.19. Details from Dr. P. D. B. DAVIES, St. Pancras Chest Clinic, 26 Margaret Street, London W.1.

**Henry Head Centenary Celebrations.**—Meeting to celebrate centenary of Sir Henry Head's birth, August 31, 3 p.m., New Students' Hall, The London Hospital, London E.1. Speakers: Sir RUSSELL BRAIN, Dr. MACDONALD CRITCHLEY, Professor K. W. CROSS, Dr. R. A. HENSON. Those who wish to attend should notify Dr. R. A. HENSON at the above address by August 17.

**2nd Middle Eastern-Mediterranean Paediatric Congress.**—Ankara, September 6–9. Details from Hacettepe Cocuk Hastahanesi, Ankara, Turkey.

**2nd International Conference of Human Genetics.**—Rome, September 7–12. Details from Secretariat, Istituto Gregorio Mendel, 5 Piazza Galeno, Rome, Italy.

**5th International Congress of Electroencephalography.**—Rome, September 7–13. Details from Secretary-General, Dr. RAFFAELLO VIZIOLI, 30 Viale Università, Rome, Italy.

**7th International Congress of Neurology.**—Rome, September 10–15, under auspices of World Neurologic

Federation and National Institute for Nervous Diseases and Blindness, of Bethesda, U.S.A. Details from the Secretary-General, Dr. GIOVANNI ALEMÀ, 30 Viale Università, Rome.

**University of London Postgraduate Medical School.**—Advanced symposium for consultants, "Modern Aspects of Cardiovascular Radiology," September 21–23. (See advertisement, p. 57.)

### SOCIETIES AND LECTURES

A fee is charged or a ticket is required for attending lectures marked ●. Application should be made first to the institution concerned.

#### Saturday, June 10

**SOUTH-EAST METROPOLITAN REGIONAL TUBERCULOSIS SOCIETY.**—At Benenden Chest Hospital, 10.30 for 11 a.m., Dr. A. L. R. Mayer, Dr. E. Williams, and Dr. M. Hourri: Assessment and Treatment of Chronic Bronchitis.

#### Monday, June 12

**INSTITUTE OF DERMATOLOGY.**—At British Institute of Radiology, 5 p.m., Mr. R. E. Ellis: Radiation Hazards and Protection (I).

**POSTGRADUATE MEDICAL SCHOOL OF LONDON.**—4 p.m., Dr. Brian Ackner: Stress and Psychosomatic Illness.

**SOCIETY OF MEDICAL OFFICERS OF HEALTH: METROPOLITAN BRANCH.**—At Lecture Theatre, London School of Hygiene and Tropical Medicine, 2.30 p.m., Dr. Henry Kempe (WHO): Smallpox.

#### Tuesday, June 13

**ST. MARY'S HOSPITAL MEDICAL SCHOOL.**—At Wright-Fleming Institute, 5 p.m., Dr. Desmond O'Neill: Gynaecological Neuroses.

#### Wednesday, June 14

**INSTITUTE OF DERMATOLOGY.**—5.30 p.m., Dr. H. Haber: Interesting Histological Sections.

**INSTITUTE OF DISEASES OF THE CHEST.**—5 p.m., Mr. T. Holmes Sellors: Problems in the Treatment of Fallot's Tetralogy.

**LEWISHAM GENERAL HOSPITAL.**—5.45 p.m., Dr. A. R. Norton: Chemotherapy of the Psychoses.

**POSTGRADUATE MEDICAL SCHOOL OF LONDON.**—2 p.m., Dr. Honor B. Fell: Tissue Culture in Experimental Pathology.

**ROYAL FREE HOSPITAL, Gray's Inn Road, London W.C.**—5.15 p.m., Dr. Selwyn Baker (Vellore): Sprue.

#### Thursday, June 15

**ROYAL SOCIETY OF TROPICAL MEDICINE AND HYGIENE.**—At 26 Portland Place, London W., 7.30 p.m., annual general meeting; 8 p.m., Professor P. C. C. Garnham: Vector of *Hepatozoon* (= *Plasmodium kochi*): The Successful Conclusion of Observations in Many Parts of Tropical Africa.

**LONDON UNIVERSITY.**—At King's College, Strand, W.C., 5.30 p.m., special university lecture in pharmacology by Professor L. Goldberg (Stockholm): Alcohol and Addiction.

**ST. GEORGE'S HOSPITAL MEDICAL SCHOOL.**—5 p.m., Dr. J. Hamilton Paterson: postgraduate demonstration in neurology.

**SOCIETY OF MEDICAL OFFICERS OF HEALTH, SOUTHERN BRANCH.**—At Salisbury Council Chamber, 3 p.m., Dr. J. F. Skone: Health of the Immigrant.

**WEST LONDON MEDICO-CHIRURGICAL SOCIETY.**—At Zoological Gardens Restaurant, annual banquet.

#### Friday, June 16

**BRITISH INSTITUTE OF RADIOLOGY.**—At Reid-Knox Hall, 32 Welbeck Street, London W., 2.15 p.m., Radiobiology Meeting. Short papers will be read.

**INSTITUTE OF DISEASES OF THE CHEST.**—5 p.m., Dr. N. C. Oswald: clinical demonstration.

**POSTGRADUATE MEDICAL SCHOOL OF LONDON.**—10 a.m., Mr. N. W. Roberts: Osteochondritis Dissecans.

### BIRTHS, MARRIAGES, AND DEATHS

#### BIRTHS

**Welch.**—On May 29, 1961, to Margaret Louise (formerly Fisher), M.B., Ch.B., B.A.O., and Gordon Welch, M.D., M.R.C.P., of West Hartlepool, Co. Durham, a brother for Gillian.

#### DEATHS

**Alexander.**—On May 20, 1961, John Budge Alexander, M.D., D.P.H., of Altrumas, Weem, Aberfeldy, Perthshire, aged 79.

**Denny.**—On May 19, 1961, at a London hospital, Cedric Roland Denny, M.R.C.S., L.R.C.P., aged 68.

**Donald.**—On May 23, 1961, at a hospital, Glasgow, John Donald, M.B., Ch.B., of 6 Victoria Road, Gourrock, Renfrewshire.

**Fawcner-Corbett.**—On May 19, 1961, at 34 Cumberland Court, Southsea, Hants, William Victor Fawcner-Corbett, M.R.C.S., L.R.C.P., D.P.H., Lieutenant-Colonel, R.A.M.C., retired.

**Gordon.**—On May 15, 1961, at 42 Wetherby Road, Leeds, Yorks, Valentine Henry Gordon, M.B., Ch.B., late of York, Western Australia, Exeter, and Guernsey, aged 80.

**Hamilton.**—On May 23, 1961, at Alderney, Edgar Alan Hamilton-Pearson, M.B., Ch.B.

**Keyworth.**—On May 12, 1961, in a nursing-home, near Winchester, Hants, William David Keyworth, M.D., M.R.C.P., Lieutenant-Colonel, I.M.S., retired, of St. Mary Bourne, near Andover, Hants, aged 80.

**Macmillan.**—On May 22, 1961, at a nursing-home, Bexhill, Sussex, Charles Clarke Macmillan, D.S.O., M.B., C.M., Surgeon Commander, R.N., retired, formerly of Hamilton, Australia, aged 88.

**Nicholson.**—On May 16, 1961, in hospital, Dublin, Margaret Nicholson, M.B., B.S., late of Castlemount, Castleknock, Co. Dublin.

**Pulteney.**—On May 11, 1961, in London, Isabel Pulteney, M.D., aged 94.

**Selby.**—On May 16, 1961, at home, 52 Castlebar Road, Ealing, London W., Edward James Selby, O.B.E., M.R.C.S., L.R.C.P.

**Taylor.**—On May 14, 1961, George Orissa Taylor, M.B., of Reigate, Surrey, Islington and Nilgiri Medical Missions, aged 87.

**Young.**—On May 14, 1961, at Moffatt House Hotel, Dumfriesshire, Hugh Young, M.B., Ch.B., of Aigburth, Liverpool.