

early to incorporate information about the hepatitis-associated (Australia) antigen, one of the more important discoveries in the field of liver diseases of the intervening years.

Thirty-six of the 42 authors are from the United States; the rest come from Australia, Britain, Canada, and Switzerland. The 30 chapters cover general and basic subjects such as secretion of bile, laboratory tests, and electron microscopy of the liver, as well as more specific clinical subjects ranging from viral hepatitis to cirrhosis. Omissions are few and the book is both comprehensive and reasonably detailed. The general format and order of subjects remain much as before. The accent is on practical medicine. Thus the chapter on toxic and drug-induced hepatitis, for example, provides an almost indispensable guide to this increasingly complex subject.

A few inconsistencies are inevitable in a multi-author book of this size and scope. For example, congenital hepatic fibrosis is discussed only very briefly in the text and does not appear in the index, and the latter lists some but not all the icterogenic drugs mentioned in the text. The limitations of a sharp division of cirrhosis into portal and postnecrotic categories are recognized in the text, but separate chapters are still allotted to them.

However, these are small objections, and the overall impression is of a modern, authoritative view of the subject. The book will be highly valued here as in the United States as one of the standard textbooks on the subject.

PETER J. SCHEUER.

## Introduction to Pharmacology

**Lewis's Pharmacology.** 4th edn. James Crossland, M.A., Ph.D. (Pp. 1359; 100s.) E. & S. Livingstone. 1970.

An author who undertakes to revise a standard textbook has in many ways an unenviable task. Obviously the main difficulty is to achieve a compromise between the proved advantages of the book written by the original author and his own concept of the subject. In other words, he has to adapt his own personality to that of his predecessor and may, in addition, have to maintain arrangements which, because of rapid recent advances, are no longer desirable. His main task will therefore consist in the elimination of obsolete material and, more importantly,

in changes in emphasis.

This process is well brought out in Dr. Crossland's preface to the fourth edition of *Lewis's Pharmacology*. He underlines that he wishes to stress the physiological and theoretical aspects of pharmacology as much as the chemical approach. It is entirely in line with recent trends that more space in the new edition is devoted to theoretical aspects, since the conceptual basis of pharmacology has been considerably broadened in recent years. It is also entirely appropriate that Dr. Crossland, in some chapters of his book, gives a basis of physiology before he discusses drug action. It is a common experience for teachers of pharmacology that they cannot rely on the knowledge of physiology of their students, however well it may have been taught in another department, and hence it seems almost inevitable to incorporate a certain amount of physiology into a course of pharmacology even if only to make certain that the nomenclature used is one with which the listeners are familiar. Another valuable feature of the book is a lucid discussion of the more common statistical methods, and in each relative chapter the methods for the bioassay, laboratory screening, and clinical assessment of the class of drugs discussed.

Dr. Crossland takes the view that "a textbook should also serve as a source of reference." This view, if pedantically implemented, would lead to the danger of overburdening the volume. Eventually, however, he has arrived at a compromise by including the chemical formulae, therapeutic doses, and proprietary names of the drugs mentioned in the text, but has closely restricted the number of original references.

The book is exceptionally clearly written, and reading it is additionally eased by the fact that much of the essential material is arranged in the form of tables with suitable cross-references. The overall result is that the book can be warmly recommended not only to science and pharmacy students but also to medical undergraduates.

H. HELLER.

## Message of the Medium

**Television and Delinquency.** J. D. Halloran *et al.* (Pp. 221; 30s.) Leicester University Press. 1970.

In 1963 the then Home Secretary, after discussion with the B.B.C. and I.T.A., set up the Television Research Committee to initi-

ate and co-ordinate research into the effects of television, and to administer over a period of five years a grant of £250,000. The committee resisted the temptation to find speedy answers to topical questions and to put into operation the first research proposals that were suggested. Instead, it preferred carefully to assess the areas and the resources, and to establish a university centre as an independent and permanent basis for research development. Two progress reports (1966 and 1969) and two working papers surveying existing knowledge on the effects of mass communication and on attitude formation and change were put out, preparing the way for the present volume.

This book is the first report of original work carried out by the centre, which is now established at Leicester University. The viewing practices and attitudes of a group of young probationers, a non-delinquent group (matched for age, sex, socioeconomic status, intelligence, and school attainment) and a third group of higher social class and personal abilities were compared. In the main, there were no more than slight differences between probationers and matched controls, suggesting that being a delinquent intensifies tastes which are a general feature of the working-class subculture. There were, however, three areas of significant differences. Delinquents attach more importance to excitement and less to informative content in the medium; they discuss their viewing less and are less articulate in doing so; though much aware of hero figures they are less ready to name identification-figures, and (especially the girls) are more involved with "pop" features.

The research is well planned; the description of it is good; and the theoretical implications are clearly discussed. The authors are cautious in their claims about the specific effects of television, but they throw considerable light on the nature of delinquency in this particular sample. They confirm the usual findings of social deprivation and dislocation—the haphazard discipline, lack of attention and planning in the homes—and link this with factors of low cognitive training and poverty of communication and of sequential thinking in the children.

The book is a useful addition to the literature on delinquency, indicates the direction for further inquiry, and justifies the long-term research strategy of the committee.

P. D. SCOTT.

## Books Received

*Books noticed here may be reviewed later.*

**Tredgold's Mental Retardation.** 11th edn. R. F. Tredgold, D.P.M., and K. Soddy, D.P.M. (Pp. 90; 100s.) Bailliere Tindall & Cassell. 1970.

**Erythropoietin and the Regulation of Erythropoiesis.** Sanford B. Krantz, M.D. and Leon O. Jacobson, M.D. (Pp. 330; 88s.) University of Chicago Press. 1970.

**Lecture Notes on Haematology.** N. C. Hughes-Jones, D.M. (Pp. 144; 30s.) Blackwell. 1970.

**An Introduction to the Biology of the Skin.** Ed. R. H. Champion, M.R.C.P., *et al.* (Pp. 450; 85s.) Blackwell. 1970.

**A History of Medical Bacteriology and Immunology.** W. D. Foster, M.R.C.Path. (Pp. 232; 40s.) Heinemann. 1970.

**Lectures on the History of Physiology During the 16th, 17th & 18th Centuries.** Sir M. Foster, M.D. (Pp. 310; 28s. 6d.) Constable. 1970.

**An Introduction to Functional Anatomy.** 4th edn. David Sinclair, F.R.C.S. (Pp. 542; 75s.) Blackwell. 1970.

**The Pill: Facts and Fallacies about Today's Oral Contraceptives.** Robert W. Kistner, M.D. (Pp. 274; 45s.) Hutchinson. 1970.

**Building the Health Bridge: Selections from the Works of Fred L. Soper, M.D.** Ed. J. Austin Kerr, M.D. (Pp. 567; 167s.) Indiana University Press. 1970.

**Basic Statistics in Behavioural Research.** A. E. Maxwell. (Pp. 126; 7s.) Penguin Books. 1970.

**The Chest in Health and Disease.** Kenneth P. Goldman, M.R.C.P. (Pp. 131; 18s.) The Chest and Heart Association. 1970.

**Operative Surgery: The Hand.** 2nd edn. Vol. 11. Ed. R. Guy Pulvertaft, F.R.C.S. (Pp. 262; 155s.) Butterworths. 1970.

**Airway Dynamics: Physiology and Pharmacology.** Ed. Arend Bouhuys, M.D. (Pp. 345; \$29.50.) Charles C. Thomas. 1970.

**Social Aspects of Clinical Medicine.** Jessie Garad, B.A., and Sir Max Rosenheim, F.R.C.P. (Pp. 174; 28s.) Bailliere Tindall & Cassell. 1970.

**European Teratology Society**

Founded to stimulate interest in the aetiology, prevention, and treatment of congenital malformations, this new society comes into being on 1 October. Professor H. TUCHMAN-DUPLESSIS, of Paris, is to be the first president. It is hoped that the membership will include those from different experimental, clinical, and epidemiological disciplines so that communication may be encouraged between these workers and teratologists employed in universities, hospitals, government institutes, and the pharmaceutical industry. The first meeting of the society will take place in Cardiff on 14-16 April 1971. Details are obtainable from Dr. J. B. LLOYD, Department of Biochemistry, University College, Cardiff. Inquiries about membership should be made to the acting secretary, Dr. K. S. LARSSON, Department of Anatomy, Karolinska Institutet, Stockholm, Sweden.

**Occupational Safety and Health Films**

The International Labour Office has published the sixth edition of the *International Catalogue of Occupational Safety and Health Films*. Copies can be obtained from the I.L.O., Occupational Safety and Health Branch, CH1211 Geneva 22.

**People in the News**

Colonel R. G. W. OLLERENSHAW, director of the Department of Medical Illustration at the Manchester Royal Infirmary, has been appointed Surgeon-in-Chief, St. John Ambulance Brigade.

Dr. F. E. PILKINGTON has been appointed emeritus consultant by the South Western Regional Hospital Board on his retirement as physician superintendent at Moorhaven Hospital.

Dr. PAUL CASSAR, of Balzan, Malta, has been elected an Honorary Fellow of the Royal University of Malta, in recognition of his contributions to the history of medicine.

Dr. HALFDAN MAHLER has been appointed an assistant director-general of the World Health Organization. He will be responsible for the division of family health, the division of organization of health services, and the division of research in epidemiology and communication science.

**Coming Events**

**"Biomedical Materials."**—Conference arranged by the Institute of Physics and the Physical Society in association with the U.K. Liaison Committee for Sciences Allied to Medicine and Biology, 19-20 November, at the Royal Society of Tropical Medicine and Hygiene, London W.1. Details and application forms are obtainable from the Institute of Physics and the Physical Society, 47 Belgrave Square, London S.W.1.

**Forest Group Hospitals Medical Education and Research Trust.**—Details of the programme of lectures, meetings and courses are obtainable from the Secretary, Medical Education Centre, Whipps Cross Hospital, London, E.11 (Tel. 01-539 5522, ext. 310).

**"Applied Gastroenterology."**—Symposium on selected topics, 1-2 October, London Hospital. Details from the Secretary, Surgical Unit, London Hospital, Whitechapel, London E.1.

**Institute of Hospital Administrators, East Anglian Provincial Region.**—Week-end school, 2-4 October, Cromer. Fee £8 10s. (£2 5s. for non-residents). Application forms obtainable from group secretaries within the region or from Mr. E. M. D. Goddard, Lowestoft and North Suffolk Hospital, Tennyson Road, Lowestoft, Suffolk.

**Society of Medical Officers of Health, Fever Hospital Medical Services Group.**—Autumn meeting, in conjunction with the Association for the Study of Infectious Diseases, 9-10 October, Coppetts Wood Hospital, Muswell Hill, London N.10. Details are obtainable from Dr. R. T. D. Emond at the hospital.

**Institute of Urology.**—Week-end course, "Urology for Higher Examinations" 16-18 October. For details see advertisement on page xxiv.

**"The Practice Nurse."**—Study day discussion at Royal College of Nursing, 31 October, chaired by Dr. J. C. Cameron. All general practice nurses are invited and application forms are obtainable from Mrs. L. Langley, R.C.N., 1A Henrietta Place, Cavendish Square, London W1M OAB.

**North of England Otolaryngological Society.**—Meeting, 31 October, Preston. Details from Miss Romola Dunsmore, Royal Infirmary, Doncaster, Yorks.

**Societies and Lectures**

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

**Monday, 21 September**

INSTITUTE OF LARYNGOLOGY AND OTOLGY.—5.30 p.m., Combined staff consultation clinical meeting.  
ROYAL NORTHERN HOSPITAL POSTGRADUATE CENTRE, LONDON.—5.30 p.m., Clinical conference.

**Tuesday, 22 September**

CARDIFF POSTGRADUATE FEDERATION IN CHEST DISEASES.—At Cardiff Royal Infirmary (pathology lecture theatre), 2.30 p.m., symposium: Addiction to Smoking.

CROYDON MEDICAL CENTRE.—At Mayday Hospital, 1 p.m., Mr. I. J. MacQueen: Foot Deformities.

INSTITUTE OF OBSTETRICS AND GYNAECOLOGY.—At Queen Charlotte's Hospital, 3 p.m., discussion, Mr. J. M. Brudenell: Caesarean Section. (Admission by ticket only, obtainable from Secretary, Institute of Obstetrics and Gynaecology, Chelsea Hospital for Women, London, S.W.3.)●

KING'S COLLEGE HOSPITAL MEDICAL SCHOOL.—5.30 p.m., Dr. G. Hamilton Fairley: Whither Immunotherapy?

**Wednesday, 23 September**

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—5.30 p.m., Watson-Jones lecture by Mr. J. Crawford Adams: Some Practical Aspects of Lumbar Osteotomy for Flexion Deformity of the Spine.

NEWCASTLE UPON TYNE REGIONAL NEUROLOGICAL CENTRE.—At Newcastle General Hospital, 5.30 p.m., Dr. D. K. Dastur (Bombay): The Many Facets of Neurotuberculosis.

**Thursday, 24 September**

FACULTY OF HOMOEOPATHY.—5 p.m., Presidential address by Dr. D. M. Foubister.

ROYAL COLLEGE OF SURGEONS OF ENGLAND.—At Imperial College of Science and Technology (Great Hall, College Block), London S.W.7, 4 p.m., Robert Jones lecture by Mr. D. Wainwright: Intertrochanteric Osteotomy—its Place in Treatment of Degenerative Disorders of the Hip.

**Friday 25, September**

INSTITUTE OF OBSTETRICS AND GYNAECOLOGY.—At Queen Charlotte's Hospital, 9.45 a.m., Mr. R. Beard: Fetal Distress and Fetal Heart Monitoring. (Admission by ticket only, obtainable from Secretary, Institute of Obstetrics and Gynaecology, Chelsea Hospital for Women, London, S.W.3.)●

NORTH STAFFORDSHIRE MEDICAL INSTITUTE.—8 p.m., Professor A. Munro: Psychiatric Aspects of Parental Deprivation.

ROYAL NORTHERN HOSPITAL POSTGRADUATE CENTRE, LONDON.—10 a.m., Clinical conference in honour of Kansas physicians.

NEWCASTLE UPON TYNE REGIONAL NEUROLOGICAL CENTRE.—At Newcastle General Hospital, 5.30 p.m., Dr. S. Currie, Dr. F. Mastaglia: Lymphocyte Cytotoxicity in Polymyositis and Experimental Myositis.

**Universities and Colleges****LONDON**

M.D.—D. F. Hopkins.  
M.S.—C. W. Jamieson, S. A. R. Cooke, B. L. Dowling, P. R. Hawley.

PH.D.—In the Faculty of Medicine: Anil Dasgupta, S. S. Dayal, J. F. Dunne, B. W. M. Gooneratne, E. B. Larbi, Bernice Phillips, D. S. Berman, A. M. Fadl, P. R. Ide, Khin Kyi Kyi, D. S. McCarthy, D. S. McQueen, N. Tong Lan.

M.Sc.—In the Faculty of Medicine: S. "Tale" Falana, \*Parsotam R. Hira, Akira Ishii, I. E. Jawonisi, B. K. Johnson, \*B. R. Manawadu, M. B. Markus, E. K. Opuni, T. A. Phillips, H. Rak, S. C. Rawlins, Rosemary C. Rovers, C. H. M. Teesdale, R. W. Wilkes, S. M. Winn.  
\*Awarded a mark of distinction.

**Notice to Authors**

When original articles and letters for publication are not submitted exclusively to the *British Medical Journal* this must be stated.

Correspondence on editorial business should be addressed to the Editor, *British Medical Journal*, B.M.A. House, Tavistock Square, London WC1H 9JR. Telephone: 01-387 4499. Telegrams: *Aitiology, London W.C.1.*

Authors wanting reprints of their articles should notify the Publishing Manager, B.M.A. House, Tavistock Square, WC1H 9JR, on receipt of proofs.

**Subscriptions**

Members' subscriptions should be sent to the Secretary of the British Medical Association, B.M.A. House, London, or to the Scottish Secretary, B.M.A. Scottish Office, Drumsheugh Gardens, Edinburgh.

Doctors who are not members of the B.M.A. can subscribe to the *B.M.J.* The rates for doctors resident in the United Kingdom and abroad are given on the first page of the classified advertisements. These include the rate for the North American "Air Express," which is available to both members and non-members of the B.M.A.

**Classified Advertisements**

**Doctors Abroad.**—Copies of the appointment vacancies advertised in the *B.M.J.* can be sent by airmail on request. Members' rate: the minimum cost is 40s. for six weeks' supply, for which copies of vacancies in up to five sections of the classified advertisements will be sent. Non-members' rate 60s. minimum for six weeks' supply of five headings or less. Additional headings (for members and non-members) 10s. each for six weeks' supply. Orders for specific grades in any section cannot be accepted. Payment must be prepaid and enclosed with the application.

Details of rates, etc., for classified advertisements appear on the first page of the classified section.