as there is clear cut evidence of its expression by other neural cells in both the peripheral and central nervous system and also by endocrine cells, independent of whether their embryological origin is neuroectodermal.

In chapters 5 and 6 the diagnostic usefulness of neurone specific enolase S100 and chromogranin A is reviewed. As the brain is probably the most differentiated of all organs, theoretically if the function of all the proteins specific to a given cell type were known, then we would fully understand how that cell performs its specific tasks.

In chapter 7 details are given of a diagnostic algorithm in which antibodies of increasing specificity can be used to characterise tumours.

DI GRAHAM

Clinical Applications of TGF- β . CIBA Foundation Symposium 157. (Pp 234; £39.50.) John Wiley & Sons Limited. 1991. ISBN 4-7192-811-9.

The Ciba Foundation organise about eight international multidisciplinary symposia every year on topics that seem ripe for discussion by a select group of invited scientists. *Clinical applications of TGF- β* deals with the role of transforming growth factor β in the control of cell differentiation and proliferation, with special emphasis on its unique role in the formation, remodelling, and destruction of the extracellular matrices.

This book follows the established Ciba format with each chapter culminating in a reported discussion among participants. At first glance this approach appears rather disruptive, a feature clearly counterbalanced, however, by the valuable insight it gives into the current thinking and planned experimentation of the field's elite. The initial chapters outline the growth factor's biochemistry, receptor binding, and mechanisms of action. This is followed by the book's forte—the pivotal role of TGF- β in the pathogenesis of pulmonary, hepatic, and renal fibrosis. The potential clinical applications—namely, as an adjuvant to chemotherapy and as a wound healing agent—are briefly highlighted.

In summary, clinicians should not be hoodwinked by the optimistic nature of the title—in all probability a mercantile ploy. Nevertheless, this is not a volume deserving of dust collection on the shelves of academe, but begs perusal by all those with more than a superficial interest in the biology of extracellular matrices and the pathogenesis of fibrosis in particular—be they gastroenterologists, immunologists, nephrologists or haematologists.

JT REILLY

Clues to Diagnosis in Dermatology. AB Ackerman, M Jacobson, PA Vitale. (Pp 426; \$204.00.) Raven Press. 1991. ISBN 0-89189-296-6.

The principal author has put his regard for the forensic methods of Sherlock Holmes into practice, and produced an entertaining and attractive book. The "clues" of the title are

histological shibboleths that can be used as guides or triggers for diagnosis, such as the "tadpoles" of syringoma and the "dilapidated brick wall" of Hailey-Hailey disease. A photomicrograph clue is provided, followed overleaf by the answers, a page of discussion, and a page of differential diagnosis or amplification of the clue. This format is followed for each of the 100 entries.

The illustrations are of very high quality, which makes it the more frustrating that there is so much unused white space in the book. Most of the clues are well illustrated and solvable. A few photomicrographs have been taken at too low a magnification to resolve the feature that is the clue, or at so high a magnification that the feature cannot be seen in context. From a high power picture of an abscess in an island of neoplastic squamous cells we are expected to diagnose solitary keratoacanthoma; a low power picture of apparently normal skin is a clue to urticaria or vitiligo. It would be unwise to think that, "when you have excluded the impossible, whatever remains, however improbable, must be the truth," applies to dermatopathology.

I enjoyed the book, but having read it through I wonder how often I will consult it in future. It is also very expensive, and I would have to put it low on the list of priorities for a departmental library. If it is any consolation to the authors, this review copy will be kept in the room at St Bartholomew's in which, Conan Doyle tells us, Sherlock Holmes first met Dr Watson.

DAVID LOWE

Corneal Angiogenesis. A Comprehensive Critical Review. GK Klintworth. (Pp 135; DM 68.00.) Springer. 1991. ISBN 3-540-97440-7.

The naturally occurring causes of corneal vascularisation are legion and the author of this review adds over 100 experimental ways of achieving the same end. In which case it is proper to ask whether there is a common pathogenetic pathway. This is the question that underlies a thoroughgoing analysis extending to over 800 references and few are better qualified to undertake such a task than the author, who has himself contributed greatly to research in the matter. An advantage of this sort can, however, be double-edged and it may be wondered whether his firm commitment to the hypothesis that inflammatory factors are of prime importance has introduced a bias, albeit unintentional. I think he has avoided the risk—just! Most of the pieces in the jigsaw have now probably been identified, but putting them together is proving a daunting assignment and the author has done well to achieve a synthesis that is neither simplistic nor overelaborate. One message that does come over loud and clear is that those who use the cornea as an assay system for presumed angiogenic factors do so at their peril: most substances giving rise to corneal vascularisation do so through an indirect and non-specific inflammatory response.

The review has been published from camera-ready copy provided by the author and this has probably helped to expedite publication (there are several 1990 referen-

ces), although at the cost of some aesthetic appeal. But that is a minor complaint and this compact volume is essential reading for any serious student of corneal angiogenesis.

ALEC GARNER

A Colour Atlas of Trauma Pathology. H Fischer, CJ Kirkpatrick, ME Aronson. (Pp 136; £48.) Wolfe Publishing Ltd. 1991. ISBN 0-7234-1566-8.

This is one of those atlases that has about six small colour photographs on each page and a page or two of text at the beginning of each of the 15 chapters. Most of the illustrations are photomicrographs of variable standard and often of low magnification. Much of what they illustrate is very straightforward, such as normal brain with a haemorrhage in the centre showing apparently no more than that haemorrhage consists of extravasated red cells.

The first sentence in the main text reads "Sharp instrument injuries are usually caused by a knife, glass fragments or sharp metal edges," and the book continues in this vein. It is said to be written for both pathologists and therapists but it is difficult to see who would use it. The introductions at the beginning of the chapters contain useful information but only culled from other sources. The index is rudimentary and none of the really difficult aspects of subject is tackled.

AC HUNT

Forensic Pathology. B Knight. (Pp 584; £130.) Edward Arnold. 1991. ISBN 0-7131-4550-1.

This is the most comprehensive textbook to appear for many years. It departs from tradition, confining itself strictly to forensic pathology—no clinical forensic medicine or law. The traditional format of description, references, and anecdotes has been abandoned in favour of a step by step guide, copiously illustrated and selectively referenced.

The book is intended as a comprehensive work of reference for pathologists worldwide. For the full time forensic expert there is academic discussion, even controversy; for the less experienced pathologist or other doctor called on to perform only occasional medicolegal necropsies, there is clear basic advice. There are refresher notes on forensic anatomy, advice on dissection techniques, and numerous high quality line diagrams.

The whole spectrum of violent and suspicious death is encompassed; so is procedure at the scene, the obscure necropsy, and the selection of samples for toxicological analysis. The book also contains useful tables, formulae, and nomograms—for example, for body temperature and skeletal remains stature assessment—removing the need to consult other specialised texts which are not always readily available.

This is an excellent book and I heartily recommend it. It should be in the library of every histopathologist and will be of value worldwide, irrespective of variations in local judicial systems. It will retain its value for

many years and is good value for the price quoted. Professor Knight has maintained and enhanced his already formidable reputation.

MA GREEN

Blood: Pathophysiology. JH Jandl. (Pp 524; soft cover £25.) Blackwell Scientific Publications. 1991. ISBN 0-86542-122-6.

The title of this book might be misleading because it is really a textbook of haematology dealing principally with disorders of red cells, white cells, platelets and coagulation. It therefore competes with many similarly priced small haematology books but is far superior to most of them for a number of reasons.

The first bonus is that it is lavishly illustrated with very good quality line drawings, clinical pictures, and photomicrographs of blood films and marrows which contribute to the text and make it a pleasure to read. The first three chapters provide a review of the techniques and terms used in cellular and molecular biology, covering these potentially very confusing areas concisely and lucidly. The emphasis on the application of these new techniques is then skilfully incorporated in subsequent chapters within a more conventional framework that describes the clinical and morphological aspects of various haematological disorders to provide an up-to-date text. The final strength is that the book is by one author who writes in an entertaining if somewhat idiosyncratic manner.

Who would I recommend to buy this book? I suspect that it might be too comprehensive for most medical students, although the really motivated ones would benefit from its purchase. It would be a useful buy for all postgraduates in general medicine and for any young doctor who is contemplating or has just started a career in haematology. Even some of the "old hands" in haematology would benefit from reading it as it would allow them to keep abreast of the new developments in this rapidly expanding discipline.

DA WINFIELD

Basic Medical Microbiology. 4th edn. RF Boyd, BG Hoerl. (Pp 784; 350 illustrations; £31.50). Churchill Livingstone. 1991. ISBN 0-316-10442-6.

I love this book. It is a well produced volume covering medical bacteriology, virology, mycology and parasitology. After the first few chapters covering topics such as microbial growth and metabolism, sterilisation, and host-parasite interaction, each subsequent chapter tends to cover one organism or group of organisms and discusses the characteristics of the organism, pathogenesis of disease, epidemiology, laboratory diagnosis and treatment and prevention.

Although the fourth edition, it is completely updated with information and references from 1990. The whole text is copiously illustrated with helpful two-colour diagrams, and black and white photographs. There are also 29 colour plates. The text is interspersed with "boxed essays", which are fascinating one-page vignettes about diverse subjects which help to maintain a high level of interest as one reads the text. There is a large glossary of terms used in microbiology and a good index. This book, excellent as it is, is too long and detailed for medical students, except as a reference volume. It certainly could be used as a foundation test for the MRCPATH exam in

microbiology, and will also be valuable for undergraduates in microbiology, MLSO's, and trainee infectious disease physicians.

AJ BINT

Some new titles

The receipt of 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.

Drugs in Use. Clinical Case Studies for Pharmacists. Ed Linda J Dodds. (Pp 224; soft cover £15.) The Pharmaceutical Press. 1991. ISBN 0-85369-233-5.

Anaerobic Infections. Clinical and Laboratory Practice. AT Willis, KD Phillips. (Pp 169; soft cover £20.) Cambridge University Press. 1991. ISBN 0-901144-22-3.

NOTICES

Medical Sciences Historical Society

The Society is open to all members of the medico-scientific community who have an interest in the "functional history" of medical laboratories with particular emphasis on well known, and not so well known people associated with the early years of pathology.

Members of the Society receive an annual journal plus a biannual newsletter, and there is an opportunity to attend occasional organised meetings. The annual membership fee is £6.00. Anyone interested in joining should write to Mr. P. James (Hon Sec), Department of Science, Anglia Higher Education College, East Road, Cambridge CB1 1PT.

Mediastinal Tumours Update

30 April and 1 May 1992

Course Organisers:

Dr MN Sheppard, Dr IE Smith, Mr P Goldstraw

mediastinum; thymus; thymomas; germ cell tumours; mediastinal lymphomas; neural tumours; cysts; inflammatory conditions; rare tumours

Seminars in Diagnostic Tumour Pathology 1991

28 and 29 November 1991

Course organiser: Dr C Fisher

Hodgkin's and lymphoproliferative disease; breast tumours; soft tissue tumours

For further details please contact:

Education and Conference Centre, The Royal Marsden Hospital, Fulham Road, London SW3 6JJ.

Tel: 071-352 8171, Ext. 2921

Fax: 071-351 2191.

Postgraduate course in gynaecological and obstetric pathology with clinical correlation

March 30-April 3 1992

Four Seasons Hotel, Boston, Mass
This course is designed for pathologists and obstetrician-gynaecologists at resident and practitioner levels. It will provide an in-depth review of gynaecological and obstetric pathology with emphasis on morphological diagnostic features and clinicopathological correlation, including management. Special attention will be paid to recent advances and newly recognised entities. Instruction will be primarily by lecture, but will also include case presentations and discussion. Each participant will receive a comprehensive course syllabus.

The course has Category 1 accreditation for about 35 hours CME credit by the American Medical Association and 35 cognates, formal learning, by the American College of Obstetricians and Gynaecologists.

Fee for the course: \$685.00 (residents and fellows \$500.00).

For further information contact: Department of Continuing Education, Harvard Medical School, 25 Shattuck Street, Boston, MA 02115 (Telephone: 617-432 1525).

Association of Clinical Pathologists Junior Membership

Junior membership of the Association is available to medical practitioners who have been engaged in the practice of pathology for a period of less than four years. Junior members are able to remain in this category for a maximum of six years or on the attainment of consultant status. The annual subscription is £24 for those resident in the United Kingdom and £55 for those overseas. The annual subscription may be claimed against tax.

Junior members receive the *Journal of Clinical Pathology* each month. Other benefits are reduced registration fees to attend ACP scientific meetings, all the documents regularly sent to full members of the Association including *ACP News*, which has a regular column for juniors, and the twice yearly summary of pathology courses included in the ACP programme of postgraduate education. Junior members have their own representative body, the Junior Members' Group, which has a direct input to Council.

For Junior Membership apply to: The Honorary Secretary, Association of Clinical Pathologists, School of Biological Sciences, Falmer, Brighton, BN1 9QG. (0273) 678435.