Further Section

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Book Reviews

John J. Marchalonis (ed.) The Lymphocyte

The lymphocyte was a quite uninteresting cell until Gowans detected that it was the ‘immunocompetent cell’, the existence of which has been postulated by Peter Medawar. Ten years ago, Marchalonis published the first edition of the present book, truly a ‘landmark book’, as Rose denotes it in his preface to the present second edition. This second volume completes the first edition and provides excellent reviews of the development of lymphocyte research during the last 10 years. Sternberg and Parker deal with the pharmacologic aspects of lymphocyte regulation, Cone and Emerson with the turnover of membrane proteins. Kimbal and Grob describe the action mechanism of interleukin-1 and -2. Lymphocyte-mediated cytotoxicity is dealt with by Herberman. Lymphocyte interactions and their mediators are reviewed by M. Feldmann. Scol-ley et al. contributed an important chapter on thymic lymphocyte maturation. Resch and Ferber deal with the role of membrane phospholipids, Marchalonis et al. with that of membrane glycopro-teins. Sutton et al. review the surface antigens of murine lymphocytes. The last review, by Strelkauskas and Taylor, is entitled ‘Human Hybridomas: The Road to the Future’. Human monoclonal antibodies have a great future, indeed. However, not only this last chapter, but the whole volume opens new avenues for future research and should be perused by all immunologists.

Paul Kallós, Helsingborg

Herbert E. Nieburgs, J. George Bekesi (eds) Immunobiology of Cancer and AIDS
Etiology, Diagnosis, and Management Liss, New York 1987 XXI+ 647 pp., US$130.00 ISBN 0-8451-4236-4

The volume contains selected papers presented at the First International Symposium on Immunobiology of Cancer and Allied Immune Dysfunctions, held in Copenhagen, Denmark, in 1985. The book contains original research reports and also review articles. The material is arranged in the following chapters: biology and etiology of immune dysfunction, immunobiology of cancer, organ transplantation, biomarkers, immunodiagnosis, immuno-therapy, biological response modifiers, and AIDS. The last-mentioned chapter is subdivided into (A) biology, etiology, and risk factors, (B) neoplastic relevance, and (C) diagnosis and management. The quality of the contributions differs widely as can be ex
pected in this type of book. Many contributions are of very high class. A detailed subject index makes it easy to select material for reading. The volume is also published as a supplement to Cancer Detection and Prevention. H. Rorsman, Lund

Books Received

Daniel W. Chan, Marie T. Perlstein (eds) Immunoassay

N. V. Medunitsyn, V.I. Litvinow, A.M. Moroz (eds) Mediators of the Immune Response
The Biology and Biochemistry of Lymphokines, Monokines and Cytokines
Harwood Academic Publ., Chur, 1987
X]]l + 326pp.,$96.-
ISBN 3-7186-0310-1