Cryopreservation, Infection and perfusion of mice, Isolation and characterization of surface antigens, and Radiolabelling surface antigens'.

The second section of this book is largely written in a 'cook-book' fashion with all the essential information clearly set out, together with sufficient references to fill in the background or to stimulate further thought. This section will be an invaluable reference source for undergraduates, postgraduates, and those beginning to work with parasites. Its impact is likely to extend far beyond the narrow field of Immunoparasitology suggested in the title.

Endotoxins and Their Detection with the Limulus Amebocyte Lysate Test. Ed. S. W. Watson, J. Levin and T. J. Novitsky. Progress in Clinical and Biological Research, Vol. 93. 417 pages. ISBN 0 8451 0093 9. Alan R. Liss, New York, 1982. £35.00.

Endotoxins and Their Detection with the Limulus Amebocyte Lysate Test is based on the Proceedings of the International Conference on Endotoxin Standards and Limulus Amebocyte Lysate Use with Parenteral Drugs, held at the Woods Hole Oceanographic Institution, Woods Hole, Massachusetts, September 1981, and covers the biological, physical and biochemical characteristics of several types of lipopolysaccharides, some of which are currently used as endotoxin standards for Limulus Amebocyte Lysate (LAL). This book also covers new methodology for LAL use with parental drugs, biologicals, and medical devices in the pharmaceutical industry, and examines problem areas regarding the Limulus test including the specificity of the Limulus test, the test's sensitivity and the effect of its ability to detect lower concentrations of endotoxin or endotoxin-like material in drugs or medical devices.

Other chapters examine various ways to perform the Limulus test (e.g. turbidometric measurement and assays based on the use of synthetic substrates) and the test's wide variety of applications, such as plasma protein fractions, radioisotopes and pharmaceutical preparations. Endotoxins and Their Detection with the Limulus Amebocyte Lysate Test also presents chapters describing the official status (e.g. FDA requirements) of the Limulus test by many U.S. government officials.

Several new automated and nonautomated LAL methods are introduced.

Endotoxins and Their Detection with the Limulus Amebocyte Lysate Test is intended for researchers, technicians, and clinicians involved in pathobiology, pharmacology, microbiology, as well as those interested in the detection of bacterial endotoxins, the measurement of endotoxins in a wide variety of substances, quality control functions in a pharmaceutical laboratory, and the comparison of different assays for endotoxins.

Parasitic Protozoa in British Wild Animals by J. R. Baker. 24 pages. ISBN 0 904282 61 9. National Environment Research Council Institute of Terrestrial Ecology, Cambridge, 1982. £1.70.

An introductory account of some selected protozoan parasites from fish, birds and mammals. Most of the parasites mentioned inhabit the blood. This very limited account lists Babesia, Eimeria stiedai, Frenkelia, Haemoproteus, Hepatozoon, Leucocytozoon, Sarcocystis, Toxoplasma, Trichodina, Trichomonas, Trypanosoma cobitis, T. corvi, T. dionisii, T. incertum, T. lewisi, T. musculi, T. pestanai, T. rajae and T. vespertilionis. There is also an introduction, an outline classification, list of hosts and a glossary.

Microbiological Standardisation of Laboratory Animals. Ed. F. J. C. Roe. 116 pages. ISBN 0 85312 556 2. Ellis Horwood, Chichester, 1983. £16.50.

The aim of this small book is 'to present the scientists' view on selection of laboratory animals'. There are chapters entitled 'The Needs of the Toxicologist', ' ...Pathologist', ' ...Cancer Research Worker', ' ...Immunologist and ' ...Parasitologist'. This last chapter is by M. J. Worms and consists of 7 pages and 44 references.