

Rodent Malaria

edited by R. Killick-Kendrick and W. Peters

**September/October 1978, xxvi + 406 pp., £19.20/\$39.75
0.12.407150.3**

Since the first isolation of a malaria parasite of a rodent thirty years ago, a great deal of research has been done on rodent malaria. This is principally because rodent malaria parasites provide a range of laboratory models which can be used to study almost all aspects of malaria relevant to the disease in man, with the great advantage that these parasites are more easily handled and cheaper than simian or avian parasites. In the last decade or so there has been a sudden increase in interest following the achievement of regular cyclical transmission of rodent malaria in the laboratory, and the discovery and isolation of new species and subspecies of parasites suitable for many new studies. The results of this research have been published in numerous papers scattered throughout many different journals, but this is the first book to provide a fully comprehensive review of the subject. Written by leading specialists in the field, the book provides a multidisciplinary approach to experimental malaria in rodents. Each chapter presents aspects of the parasites or the disease covered by a particular discipline, for example taxonomy, ecology, cell biology, biochemistry, genetics, immunology and chemotherapy. Such wide and authoritative coverage of the subject makes this a most important and up-to-date reference book for anyone interested in malaria of man or rodents, such as parasitologists, workers in tropical medicine and epidemiologists.

Methods of Cultivating Parasites *in Vitro*

edited by Angela E. R. Taylor and John R. Baker

August 1978, xii + 302 pp., £14.50/\$30.00 0.12.685550.1

This book is a completely rewritten version of the volume by A. E. R. Taylor and J. R. Baker entitled 'The Cultivation of Parasites *in Vitro*' published in 1968. Considerable advances have been made since then so that the present work will be an essential laboratory tool for a wide range of researchers in a number of different specialisms including parasitology, entomology, physiology, biochemistry, immunology, cell biology and tropical medicine. The eleven contributors are internationally recognised authorities in their fields and have provided chapters on protozoan and helminth parasites of all groups (including Acanthocephala and nematodes parasitic in plants) and methods of growing parasites in embryonated eggs and in cell or tissue cultures. Each chapter contains a review of the relevant literature since 1968 and full details of the currently important media and techniques. These are preceded by a section written by the editors on general techniques. At the end of the book is an appendix listing names and addresses of all suppliers mentioned in the text. This volume will serve as a comprehensive laboratory handbook, and will also be invaluable as a work of reference for those interested in the development, scope and applications of the *in vitro* cultivation of parasites.

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(*Founded by G. H. F. Nuttall, F.R.S.*)

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