

Health & Medical Information

CD-ROM

ONE STOP MAIL ORDER SERVICE
for Health & Medical CD-ROMs

CD-ROM has quickly become a major vehicle for the transfer of medical knowledge with new titles being published every week. Healthworks can now provide you with a one-stop mail order service for medical CD-ROMs and other electronic publications.

The CD-ROM catalogue covers such subject areas as:

AIDS, Allergies, Anatomy, Anaesthesia, Dermatology, Gastroenterology, Genetics, Haematology, Health & Safety, Imaging, Immunology, Infectious Diseases, Nephrology, Neurology, Nursing, Obstetrics, Oncology, Ophthalmology, Pathology, Pharmacology, Paediatrics, Radiology, Rheumatology, Surgery and many more.

For your **free** copy of the Healthworks CD-ROM catalogue for both IBM PC compatibles and Apple Macintosh computers. contact us now on:

Tel: 0113 243 9899 Fax: 0113 247782

E-mail: sales@d-access.demon.co.uk

Healthworks

FOR FURTHER INFORMATION
ABOUT HEALTHWORKS MEDICAL
INFORMATION SERVICES & PRODUCTS
LOOK AT OUR INTERNET SITE AT:

<http://www.healthworks.co.uk>

HEALTH ON THE INTERNET

The Internet carries huge amounts of health related information but how do you find exactly what you want? **Health on the Internet** is a new publication that helps to solve some of the many problems encountered in locating health and medical information on the Internet. **Health on the Internet** is essential reading for medical professionals who are interested in utilising this powerful new medium for communication, research, or simply keeping up-to-date with the latest developments. Each issue includes details of:

sources of health news, medical software and images, new world wide web, ftp and gopher sites, newsgroups and mailing lists, health publications and businesses on the Internet. Plus, each issue also covers a particular area of medicine in depth.

Health on the Internet is published monthly in two formats:

1. In HTML format e-mailed directly to your desktop computer, with clickable hypertext links to the referenced resources.
2. The printed version, complete with 'hotlist' of all the referenced resources.

To see a sample copy of the newsletter visit the Healthworks Internet site at:

<http://www.healthworks.co.uk>

The E-mail version costs £26/\$45 worldwide.

The Print version costs: UK & EC member countries - £36/\$54. Rest of World - £60/\$90

Please make cheques/money orders payable to "Healthworks Limited" and send to:

Healthworks, (Dept. CUP1)

30-38 Dock Street, Leeds LS10 1JF, England

Leading the way in the study of all aspects of
infection of man and animals ...

Epidemiology and Infection

Aims and Scope

Epidemiology and Infection presents reports of research and original findings in all subjects related to infectious diseases. It gives particular emphasis to the epidemiology, prevention and control of such diseases, but the field covered is broad and includes microbiology, virology, immunology, sanitary bacteriology, food hygiene, statistics and the clinical, diagnostic and social aspects of infectious diseases. Papers cover both the medical and veterinary field and come from scientists worldwide.

Editorial Policy

Epidemiology and Infection started life as the 'Journal of Hygiene' and is now the longest established journal in the field of microbiology. **Epidemiology and Infection** has contained many important and seminal papers on such topics as scarlet fever, typhoid, pathogenic microbes in milk, bacteriological examination of water and the like.

It is still the home for important papers on these topics but also has become the key periodical in which to find the latest reports on recently discovered infections and new technology. In the new title, used since 1987, the word 'Infection' reflects the broadly based nature of the journal and 'Epidemiology' the particular slant of the journal since it was founded. The editors' overriding policy is to publish high quality articles in the shortest possible time (some articles are published in as little as 4 months). The success of this policy is shown by the very high submission rate from authors and the journal's high impact factor and long cited half life (SCI Journal Citation Report).

Why You Should Subscribe

- high-quality articles
- international coverage
- rapid publication
- regular review articles
- covers wide subject area
- book reviews
- high quality & accurate production
- colour illustrations where this enhances understanding
- no page charges and free offprints for authors
- wide audience

Subscription Information

Six issues a year in 2 volumes. Volumes 116 & 117 in 1996. £190; £97 for members of the Society for Infectious Diseases and British Society for the Study of Infection. Airmail £36 per year extra. ISSN 0950-2688.

Take a closer look - FREE!

- Please send me a free sample copy of
Epidemiology and Infection
- Please send me further information

Name _____

Address _____

Send this coupon to: Journals Marketing Department,
Cambridge University Press, FREEPOST*, The
Edinburgh Building, Cambridge CB2 1BR, UK
Tel: +44 (0)1223 325806 Fax: +44 (0)1223 315052
(*no postage stamp necessary if posted in the UK)

In USA, Canada & Mexico, write to: Cambridge
University Press, 40 West 20th Street, New York,
NY 10011-4211, USA



CAMBRIDGE
UNIVERSITY PRESS

Parasitology

Back volumes. Vols. 1–71: Inquiries should be addressed to Wm. Dawson & Sons Ltd, Cannon House, Folkestone, Kent. Vols. 72 onwards: quotations for parts still in print may be obtained from Cambridge or the American Branch of Cambridge University Press.

Copying. This journal is registered with the Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923. Organizations in the USA who are also registered with C.C.C. may therefore copy material (beyond the limits permitted by sections 107 and 108 of US copyright law) subject to payment to C.C.C. of the per-copy fee of \$11.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0031–1820/96 \$11.00 + .10.

Organizations authorized by the Copyright Licensing Agency may also copy material subject to the usual conditions.

ISI Tear Sheet Service. 3051 Market Street, Philadelphia, Pennsylvania 19104, USA, is authorized to supply single copies of separate articles for private use only.

For all other use, permission should be sought from Cambridge or the American Branch of Cambridge University Press.

Claims for missing issues can only be considered if made immediately after receipt of the subsequent issue.

Advertising. Details of advertising in *Parasitology* may be obtained from the publisher.

© Cambridge University Press 1996

The Pitt Building, Trumpington Street, Cambridge CB2 1RP
40 West 20th Street, New York, NY 10011–4211, USA
10 Stamford Road, Oakleigh, Melbourne 3166, Australia

Printed in Great Britain by the University Press, Cambridge

Parasitology

CONTENTS

	PAGE
Lefcort, H. and Durden, L. A. The effect of infection with Lyme disease spirochetes (<i>Borrelia burgdorferi</i>) on the phototaxis, activity, and questing height of the tick vector <i>Ixodes scapularis</i>	97
Koella, J. C. and Packer, M. J. Malaria parasites enhance blood-feeding of their naturally infected vector <i>Anopheles punctulatus</i>	105
Wen, H., New, R. R. C., Muhmut, M., Wang, J. H., Wang, Y. H., Zhang, J. H., Shao, Y. M. and Craig, P. S. Pharmacology and efficacy of liposome-entrapped albendazole in experimental secondary alveolar echinococcosis and effect of co-administration with cimetidine	111
Bumann, D. and Puls, G. Infestation with larvae of the sea anemone <i>Edwardsia lineata</i> affects nutrition and growth of the ctenophore <i>Mnemiopsis leidyi</i>	123
Tchuem Tchuenté, L.-A., Morand, S., Imbert-Establet, D., Delay, B. and Jourdane, J. Competitive exclusion in human schistosomes: the restricted distribution of <i>Schistosoma intercalatum</i>	129
Redman, C. A. and Kusel, J. R. Distribution and biophysical properties of fluorescent lipids on the surface of adult <i>Schistosoma mansoni</i>	137
Bisoffi, M. and Betschart, B. Identification and sequence comparison of a cuticular collagen of <i>Brugia pahangi</i>	145
Austin, D. J. and Anderson, R. M. Immunodominance, competition and evolution in immunological responses to helminth parasite antigens	157
Masson, S. D., McKay, D. M., Stead, R. H., Agro, A., Stanisiz, A. and Perdue, M. H. <i>Nippostrongylus brasiliensis</i> infection evokes neuronal abnormalities and alterations in neurally regulated electrolyte transport in rat jejunum	173
Stuart, R. J., Lewis, E. E. and Gaugler, R. Selection alters the pattern of emergence from the host cadaver in the entomopathogenic nematode, <i>Steinernema glaseri</i>	183
Robertson, A. P. and Martin, R. J. Effects of pH on a high conductance Ca-dependent chloride channel: a patch-clamp study in <i>Ascaris suum</i>	191
Lampo, M. and Bayliss, P. The impact of ticks on <i>Bufo marinus</i> from native habitats	199

CAMBRIDGE
UNIVERSITY PRESS



0031-1820(199608)113:2;1-R