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, USA. 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 \$16.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0031–1820/2010 \$16.00.

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

ISI Tear Sheet Service. 3501 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.

Online submission. Authors are encouraged to submit their manuscripts online. Go to http://mc.manuscriptcentral.com/par/ to open an author's account for Parasitology. Manuscript Central is helping to improve the speed of the publication process for the journal.

Front Cover illustration: Neoplasms in the pseudocoeloma cavity of the filaria *Onchocerca volvulus* stained for different proteins indicating the filarial origin of the potentially lethal tumors. From Brattig *et al.* Vol. 137(5) pp. 841–854.

© Cambridge University Press 2010

The Edinburgh Building, Cambridge CB2 8RU, United Kingdom 32 Avenue of The Americas, New York, NY 10013-2473, USA 477 Williamstown Road, Port Melbourne, VIC 3207, Australia c/Basílica, 17, 1° (oficinas), 28020 Madrid, Spain Lower Ground Floor, Nautica Building, The Water Club, Beach Road, Granger Bay, 8005 Cape Town, South Africa

Printed in the United Kingdom at the University Press, Cambridge

PARASITOLOGY

CONTENTS

| REVIEW ARTICLE Cerebral malaria: why experimental murine models are required to understand the pathogenesis of disease J. Brian de Souza, Julius C. R. Hafalla, Eleanor M. Riley and Kevin N. Couper | 755 | Immunohistological studies on neoplasms of female and male <i>Onchocerca volvulus</i> : filarial origin and absence of <i>Wolbachia</i> from tumor cells N. W. Brattig, A. Hoerauf, P. U. Fischer, E. Liebau, C. Bandi, A. Debrah, M. Büttner and D. W. Büttner | 841 |
|---|-----|---|-----|
| RESEARCH ARTICLES | | A transmission electron microscope study on the route of entry of triclabendazole into the liver fluke, <i>Fasciola hepatica</i> E. Toner, G. P. Brennan, F. McConvery, M. Meaney and I. Fairweather | |
| Cytochemical localization of ATP diphosphohydrolase from <i>Leishmania</i> (<i>Viannia</i>) <i>braziliensis</i> promastigotes and | | | 855 |
| identification of an antigenic and catalytically active isoform F. A. Rezende-Soares, C. Carvalho-Campos, M. J. Marques, G. N. Porcino, N. L. L. Giarola, B. L. S. Costa, A. Taunay-Rodrigues, P. Faria-Pinto, M. A. Souza, V. A. Diniz, S. Corte-Real, M. A. Juliano, L. Juliano and E. G. Vasconcelos | | Inhibition of cytochrome P450-mediated metabolism enhances ex vivo susceptibility of Fasciola hepatica to triclabendazole C. Devine, G. P. Brennan, C. E. Lanusse, L. I. Alvarez, A. Trudgett, E. Hoey and I. Fairweather | 871 |
| Inhibitory effects of (-)-Epigallocatechin-3-gallate from green tea on the growth of <i>Babesia</i> parasites M. Aboulaila, N. Yokoyama and I. Igarashi | 785 | Immunity-mediated regulation of fecundity in the nematode Heligmosomoides polygyrus – the potential role of mast cells K. Hashimoto, R. Uchikawa, T. Tegoshi, K. Takeda, M. Yamada and N. Arizono | |
| Four new species of Kudoa Meglitsch, 1947 (Myxosporea: | | | 881 |
| Multivalvulida) from Australia with recommendations for species descriptions in the Kudoidae M. A. A. Burger and R. D. Adlard | 793 | The selection of experimental doses and their importance for parasite success in metacercarial infection studies R. Poulin | 889 |
| Molecular characterization of five <i>Sarcocystis</i> species in red deer (<i>Cervus elaphus</i>), including <i>Sarcocystis hjorti</i> n. sp., reveals that these species are not intermediate host specific Stina S. Dahlgren and Bjørn Gjerde | 815 | | 200 |