

## **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, 27 Congress Street, Salem, Mass. 01970. 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 \$5.00. This consent does not extend to multiple copying for promotional or commercial purposes. Code 0031–1820/94 \$5.00 + .00.

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 1994

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
Baker, D. A., Daramola, O., McCrossan, M. V., Harmer, J. and Targett, G. A. T. Subcellular localization of Pfs16 a <i>Plasmodium falciparum</i> gametocyte antigen	129
Tomavo, S., Couvreur, G., Leriche, M. A., Sadak, A., Achbarou, A., Fortier, B. and Dubremetz, J. F. Immunolocalization and characterization of the low molecular weight antigen (4–5 kDa) of <i>Toxoplasma gondii</i> that elicits an early IgM response upon primary infection	139
Allsopp, M. T. E. P., Cavalier-Smith, T., DeWaal, D. T. and Allsopp, B. A. Phylogeny and evolution of the piroplasms	147
Camacho, M., Tarrab-Hazdai, R., Espinoza, B., Arnon, R. and Agnew, A. The amount of acetylcholinesterase on the parasite surface reflects the differential sensitivity of schistosome species to metrifonate	153
Hide, G., Graham, T., Buchanan, N., Tait, A. and Keith, K. <i>Trypanosoma brucei</i> : characterization of protein kinases that are capable of autophosphorylation <i>in vitro</i>	161
Harris, P. D., Jansen, P. A. and Bakke, T. A. The population age structure and reproductive biology of <i>Gyrodactylus salaris</i> Malmberg (Monogenea)	167
Tocque, K. and Tinsley, R. C. The relationship between <i>Pseudodiplorchis americanus</i> (Monogenea) density and host resources under controlled environmental conditions	175
Tocque, K. and Tinsley, R. C. Survival of <i>Pseudodiplorchis americanus</i> (Monogenea) under controlled environmental conditions	185
Ko, R. C., Fan, L., Lee, D. L. and Compton, H. Changes in host muscles induced by excretory/secretory products of larval <i>Trichinella spiralis</i> and <i>Trichinella pseudospiralis</i>	195
Grewal, P. S., Lewis, E. E., Gaugler, R. and Campbell, J. F. Host finding behaviour as a predictor of foraging strategy in entomopathogenic nematodes	207
Rosen, R., San, M. L., Denton, M. E., Wolfe, J. M. and Uglem, G. L. The rapid development of the glucose transport system in the excysted metacystode of <i>Hymenolepis diminuta</i>	217
Wastling, J. M. and Chappell, L. H. Cyclosporin A: drug treatment <i>in vivo</i> affects the kinetics of [ <sup>14</sup> C]glucose transport in <i>Hymenolepis microstoma in vitro</i>	223
Franks, C. J., Holden-Dye, L., Williams, R. G., Pang, F. Y. and Walker, R. J. A nematode FMRF amide-like peptide, SDPNFLRF amide (PF1), relaxes the dorsal muscle strip preparation of <i>Ascaris suum</i>	229

**CAMBRIDGE**  
UNIVERSITY PRESS



0031-1820(199402)108:2;1-X