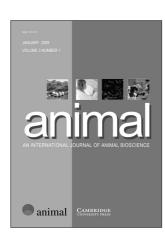
CAMBRIDGE

JOURNALS



animal

Published for The Animal Consortium (www.animal-journal.eu)

animal

is available online at: http://journals.cambridge.org/anm

To subscribe contact Customer Services

in Cambridge: Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

in New York: Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions_newyork@cambridge.org

Editor-in-Chief Michel Doreau, INRA, France

animal publishes original cutting-edge research, 'hot' topics and horizon-scanning reviews on animal-related aspects of the life sciences at the molecular, cellular, organ, whole animal and production system levels. The main subject areas include: breeding and genetics; nutrition; physiology and functional biology of systems; behaviour,

health and welfare; farming systems, environmental impact and climate change; product quality, human health and well-being.

Price information is available at: http://journals.cambridge.org/anm

Free email alerts Keep up-to-date with new material – sign up at http://journals.cambridge.org/alerts

For free online content visit: http://journals.cambridge.org/anm **CAMBRIDGE** UNIVERSITY PRESS

CAMBRIDGE

JOURNALS



Journal of Dairy Research

Published for the Institute of Food Research and the Hannah Research Institute

Journal of Dairy Research is available online at: http://journals.cambridge.org/dar

To subscribe contact Customer Services

in Cambridge:

https://doi.org/10.1017/S0031182010000430 Published online by Cambridge University Press

Phone +44 (0)1223 326070 Fax +44 (0)1223 325150 Email journals@cambridge.org

in New York: Phone +1 (845) 353 7500 Fax +1 (845) 353 4141 Email subscriptions_newvork@cambridge.org

Executive Editors

D. G. Chamberlain, Hannah Research Park, UK E. C. Needs, Hannah Research Park, UK

Journal of Dairy Research publishes original scientific research on all aspects of mammary biology and dairy science including: animal husbandry; the physiology and biochemistry of lactation; milk production; biotechnology and food science; relevant studies in bacteriology, enzymology and immunology; and the development of methods relevant to these subjects.

UNIVERSITY PRESS

Price information is available at: http://journals.cambridge.org/dar



http://journals.cambridge.org/dar

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: Effect of *Cryptosporidium parvum* trophozoites on host cell microvilli. From Borowski *et al.* Vol. 137(1), pp. 13–26.

© 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 Ruiz de Alarcón 13, 28014 Madrid, Spain Dock House, The Waterfront, Cape Town 8001, South Africa

Printed in the United Kingdom at the University Press, Cambridge

PARASITOLOGY

CONTENTS

RESEARCH ARTICLES		Transplacental transfer of filarial antigens from <i>Wuchereria bancrofti</i> -infected mothers to their offspring M. S. Bal, N. N. Mandal, M. K. Das, S. K. Kar, S. S. Sarangi and M. K. Beuria	
High levels of oxidative stress in rats infected with <i>Blastocystis hominis</i> S. Chandramathi, K. Suresh, S. Shuba, A. Mahmood			669
and U. R. Kuppusamy	605	The influence of human settlements on the parasite	
Effectiveness of the immunomodulatory extract of Kalanchoe pinnata against murine visceral leishmaniasis		community in two species of Peruvian tamarin A. Wenz, E. W. Heymann, T. N. Petney and H. F. Taraschewski	675
D. C. O. Gomes, M. F. Muzitano, S. S. Costa and B. Rossi-Bergmann	613	Anthelmintic activity of some Mediterranean browse plants against parasitic nematodes	
Epigenetic transcriptional gene silencing in Entamoeba histolytica: insight into histone and		F. Manolaraki, S. Sotiraki, A. Stefanakis, V. Skampardonis, M. Volanis and H. Hoste	685
chromatin modifications Maya Huguenin, Rivka Bracha, Thanat Chookajorn and David Mirelman	619	Endocrine effects of the tapeworm <i>Ligula intestinalis</i> in its teleost host, the roach <i>(Rutilus rutilus)</i> P. Geraudie, C. Boulange-Lecomte, M. Gerbron, N. Hinfray, F.	
Experimental transmission of malacosporean parasites		Brion and C. Minier	697
from bryozoans to common carp (<i>Cyprinus carpio</i>) and minnow (<i>Phoxinus phoxinus</i>) D. S. Grabner and M. El-Matbouli	629	The use of DNA markers to map anthelmintic resistance loci in an intraspecific cross of <i>Haemonchus contortus</i> P. W. Hunt, A. C. Kotze, M. R. Knox, L. J. Anderson, J. McNally	
New Trypanosoma (Duttonella) vivax genotypes from		and L. F. Le Jambre	705
tsetse flies in East Africa E. R. Adams, P. B. Hamilton, A. C. Rodrigues, I. I. Malele, V. Delespaux, M. M. G. Teixeira and W. Gibson	641	Migration and site selection of Ornithodiplostomum ptychocheilus (Trematoda: Digenea) metacercariae in the brain of fathead minnows (Pimephales promelas)	
Parasite-specific variation and the extent of male-biased		Chelsea E. Matisz, Cameron P. Goater and Douglas Bray	719
parasitism; an example with a South African rodent and ectoparasitic arthropods Sonja Matthee, Melodie A. McGeoch and Boris R. Krasnov	651	Decay of similarity with host phylogenetic distance in parasite faunas R. Poulin	733
Contrasting detachment strategies in two congeneric ticks (Ixodidae) parasitizing the same songbird D. J. A. Heylen and E. Matthysen	661	Abiotic versus biotic hierarchies in the assembly of parasite populations	740
D. J. A. LIEVIEL AND E. MALLIYSET	001	T. K. Anderson and M. V. K. Sukhdeo	743

Cambridge Journals Online For further information about this journal please go to the journal web site at: journals.cambridge.org/par



Mixed Sources Product group from well-managed forests and other controlled sources www.fsc.org_Cert no. SA-COC-1527 © 1996 Forest Stewardship Council



https://doi.org/10.1017/S0031182010000430 Published online by Cambridge University Press