Animal Health Research Reviews provides an international forum for the publication of reviews and commentaries on all aspects of animal health. Papers include in-depth analyses and broader overviews of all facets of health and science in both domestic and wild animals. Major subject areas include physiology and pharmacology, parasitology, bacteriology, food and environmental safety, epidemiology and virology. The journal will be of interest to researchers involved in animal health, parasitologists, food safety experts and academics interested in all aspects of animal production and welfare.

For free online content visit:
http://journals.cambridge.org/ahrsample

Free email alerts
Keep up-to-date with new content
http://journals.cambridge.org/ahr-alerts
PARASITOLOGY

CONTENTS

REVIEW ARTICLE
Predator vs alien: bacteria interactions with Acanthamoeba
Naveed Ahmed Khan and Ruqaiyyah Siddiqui 869

RESEARCH ARTICLES
The transfer of IgA from mucus to plasma and the implications for diagnosis and control of nematode infections
Joaquín Prada Jiménez de Cisneros, Louise Matthews, Colitta Mar, Thordan Stefan and Michael J. Stear 875

The Sri Lankan paradox: high genetic diversity in Plasmodium vivax populations despite decreasing levels of malaria transmission
Sharmin Gunawardena, Marcelo U. Ferreira, G. M. G. Kapilananda, Dyann F. Wirth and Nadira D. Karunaweera 880

ERRATUM
The Sri Lankan paradox: high genetic diversity in Plasmodium vivax populations despite decreasing levels of malaria transmission – ERRATUM
Sharmin Gunawardena, Marcelo U. Ferreira, G. M. G. Kapilananda, Dyann F. Wirth and Nadira D. Karunaweera 891

RESEARCH ARTICLES
Strongyloides stercoralis larvae excretion patterns before and after treatment
F. Schär, J. Hattendorf, V. Khieu, S. Muth, M. C. Char, H. F. Marti and P. Odermatt 892

Experimental infection by Haemonchus contortus in lambs: influence of disease on purine levels in serum
Lucas T. Gressler, Aleksandro S. da Silva, Camila B. Oliveira, Andressa S. Schafer, Adelina R. Aires, José F. X. Rocha, Alexandre A. Torin, Gabriel H. Schlimbach, Emerson A. Cisal, Sonia T. A. Lupaé, Marta L. R. Laal and Silvia G. Monteiro 898

Distinctive histopathology and modulation of cytokine production during oral and intraperitoneal Trypanosoma cruzi Y strain infection
Christian C. Kruet, Luiz Gustavo R. Oliveira, Marina Abreu Miranda and José Clóvis Prado, Jr. 904

Host reproductive status and reproductive performance of a parasitic offspring quality and trade-offs in a flea parasitic on a rodent
Elizabeth M. Dlugosz, Cynthia J. Downs, Irina S. Khokhlova, A. Allan Degen and Boris R. Krasnov 914

Gastrointestinal parasites in relation to host traits and group factors in wild meerkats Suricata suricatta
Sarah Lucalera and Charles T. Faulkner 925

Copulation order, density cues and variance in fertilization success in a cestode
D. Andreasen and D. P. Banish 934

Seasonal dynamics of the cestode fauna in spiny dogfish, Squalus acanthias (Squaliformes: Squalidae)
Maria Pickering and Janis N. Cains 940

Measuring the effect of avenacins and milbenyrisins on somatic muscle contraction of adult Haemonchus contortus and on motility of Osteria circumcincta in vitro
Jenia Dostaler, Georg von Barston-Himmelstjerna and Nicholas C. Sangster 948

Cytokine changes in colonic mucosa associated with Blastocystis spp. subtypes 1 and 3 in diarrhoea-predominant irritable bowel syndrome
Javed Yakoob, Ze Dual Ammar, Muhammad Waqas Umar, Aisha Sulbana, Muhammad Islam, Safa Awan, Zahir Ahmad, Saad Humidi and Waiz Jali 957

The communities of helminth parasites of Heterandria bimaculata (Teleostei: Poeciliidae) from the upper Rio La Antigua basin, east-central Mexico show a predictable structure
Guillermo Salgado-Maldonado, María Teresa Novelo-Turcotte, Gabriela Vazquez, Juan Manuel Caspita-Mandujano, Benjamín Queso-Marín and Mario Pava 970

Dilution effect and identity effect by wildlife in the persistence and recurrence of bovine tuberculosis
Z. Y. X. Huang, C. Xu, F. van Langevelde, H. H. T. Prins, H. Bim Jabeen and W. F. de Boer 981

Toxoplasma gondii induce apoptosis of neural stem cells via endoplasmic reticulum stress pathway
Ting Wang, Jie Zhou, Xiaodong Gan, Hua Wang, Xiajun Ding, Linghui Chen, Yonghong Wang, Jian Du, Jilong Shen and L. Yu 988

RESOURCES
®
®

https://doi.org/10.1017/S0031182014000717 Published online by Cambridge University Press

PARASITOLOGY Volume 141 Issue 7 June 2014 jpar.journals.cambridge.org

Submit your paper online
http://mc.manuscriptcentral.com/par