

PARASITOLOGY

CONTENTS

REVIEW ARTICLES

Factors associated with human visceral leishmaniasis cases during urban epidemics in Brazil: a systematic review
Cleya da Silva Santana Cruz, David Soeiro Barbosa, Vinícius Cunha Oliveira, Diogo Tavares Cardoso, Nathália Sernizón Guimarães and Mariângela Carneiro

639

The interaction of host and nematode galectins influences the outcome of gastrointestinal nematode infections
Katarzyna Donskow-Lysoniewska, Marta Maruszewska-Cheruiyot and Michael Stear

648

Potential therapeutic targets shared between leishmaniasis and cancer

Sajad Rashidi, Celia Fernández-Rubio, Raúl Manzano-Román, Reza Mansouri, Reza Shafiei, Mohammad Ali-Hassanzadeh, Afshin Barazesh, Mohammadreza Karimazar, Gholamreza Hatam and Paul Nguewa

655

A systematic review of anti-*Entamoeba histolytica* activity of medicinal plants published in the last 20 years
Saeed Nezarizade, Nooshin Hashemi, Davood Ommi, İlkay Erdogan Orhan and Faham Khamesipour

672

RESEARCH ARTICLES

Spatial and temporal variation of compositional, functional, and phylogenetic diversity in ectoparasite infracommunities harboured by small mammals

Boris R. Krasnov, Maxim V. Vinarski, Natalia P. Korallo-Vinarskaya, Georgy I. Shenbrot and Irina S. Khokhlova

685

The effects of crude propolis, its volatiles and ethanolic extracts on the ecto-parasitic mite, *Varroa destructor* and health of the African savannah honey bee, *Apis mellifera scutellata*
Beatrice T. Ngando and Baldwyn Torto

696

Infection with *Trypanosoma lewisi* or *Trypanosoma musculi* may promote the spread of *Toxoplasma gondii*

Jiang-Mei Gao, Si-Qi Yi, Guo-Qing Geng, Zhi-Shen Xu, Geoff Hide, Zhao-Rong Lun and De-Hua Lai

703

Dual RNA-Seq transcriptome analysis of chicken macrophage-like cells (HD11) infected *in vitro* with *Eimeria tenella*

Arnar K. S. Sandholt, Feifei Xu, Robert Söderlund, Anna Lundén, Karin Troell, Staffan G. Svärd and Eva Watström

712

Know your enemy – transcriptome of myxozoan *Tetracapsuloides bryosalmonae* reveals potential drug targets against proliferative kidney disease in salmonids
Freed Ahmad, Paul V. Debes, Lilian Pukk, Siim Kahar, Hanna Hartikainen, Riho Gross and Antti Vasemägi

726

Some gastrointestinal nematodes and ixodid ticks shared by several wildlife species in the Kruger National Park, South Africa

Ivan G. Horak, Joop Boomker, Kerstin Junker and G. James Gallivan

740

Molecular and morphological description of the first *Hepatozoon* (Apicomplexa: Hepatozoidae) species infecting a neotropical turtle, with an approach to its phylogenetic relationships

Germán A. Gutiérrez-Liberato, Ingrid A. Lotta-Arévalo, Cristian C. Rodríguez-Almonacid, Mario Vargas-Ramírez and Nubia E. Matta

747

Cytochrome b as a more promising marker for analysing the distribution vector for *Metagonimus suinfunensis* (Trematoda: Heterophyidae)

Yulia V. Tatonova and Polina G. Shumenko

760