

PARASITOLOGY

CONTENTS

RESEARCH ARTICLES

- A combination of pirfenidone and TGF- β inhibition mitigates cystic echinococcosis-associated hepatic injury**
Erqiang Wang, Zhenyu Liao, Lianghai Wang, Yuan Liao, Xiaodan Xu, Ping Liu, Xian Wang, Jun Hou, Huijiao Jiang, Xiangwei Wu and Xueling Chen 767
- Molecular phylogeny and new light microscopic data of *Metchnikovella spiralis* (Microsporidia: Metchnikovellidae), a hyperparasite of eugregarine *Polyrhaddina* sp. from the polychaete *Pygospio elegans***
Ekaterina V. Frolova, Gita G. Paskerova, Alexey V. Smirnov and Elena S. Nasonova 779
- Molecular cytogenetic analysis of a triploid population of the human broad tapeworm, *Dibothriocephalus latus* (Diphyllbothriidea)**
Martina Orosóvá, Anna Marková, Irena Provazníková, Mikuláš Oros, Alžbeta Radačovská, Zuzana Čadková and František Marec 787
- Exploring Neotropical anuran parasites: a morphological, life cycle and phylogenetic study of *Catadiscus marinholutzi* (Trematoda: Diplostidae)**
Murilo S. Queiroz, Philippe V. Alves, Danimar López-Hernández, Luciano A. Anjos and Hudson A. Pinto 798
- Reproductive females and young mouflon (*Ovis gmelini musimon* × *Ovis* sp.) in poor body condition are the main spreaders of gastrointestinal parasites**
Gilles Bourgoin, Elodie Portanier, Marie-Thérèse Poiriel, Christian Itty, Jeanne Duhayer, Slimania Benabed, Anne Cockenpot, Marie-Pierre Callait-Cardinal and Mathieu Garel 809
- Development of a low-cost copro-LAMP assay for simultaneous copro-detection of *Toxocara canis* and *Toxocara cati***
Héctor Gabriel Avila, Marikena Guadalupe Riso, Paula Ruybal, Silvia Analia Repetto, Marcos Javier Butti, Marcos David Tragoni, Sylvia Grune Löffler, Verónica Mirtha Pérez and María Victoria Periago 819
- Effects of multiple stressors on northern leopard frogs in agricultural wetlands**
David J. Marcogliese, Kayla C. King and Kieran A. Batés 827
- Beta and phylogenetic diversities tell complementary stories about ecological networks biogeography**
Gracielle T. Higino and Timothée Poisot 835
- Seroprevalence of *Toxoplasma gondii* in outdoor dogs and cats in Bangkok, Thailand**
Ana Huertas-López, Woraporn Sukhumavasi, Gema Álvarez-García, Silvia Martínez-Subiela, David Cano-Terriza, Sonia Almería, Jitender P. Dubey, Ignacio García-Bocanegra, José Joaquín Cerón and Carlos Martínez-Carrasco 843
- Shining a light on parasite behaviour: daily patterns of *Argulus* fish lice**
Rhi Hunt, Jo Cable and Amy Ellison 850
- De novo* transcriptome reveals blood coagulation/antithrombin factors and infection mechanisms in *Angiostrongylus cantonensis* adult worms**
Leandro de Mattos Pereira, Milene Pereira Guimarães de Jezuz, Amaranta Ramos Rangel, Bruna Dalcin Baldasso, Amanda Bungi Zaluski, Carlos Graeff-Teixeira and Alessandra Loureiro Morassutti 857
- Cystic echinococcosis in sheep and goats of Lebanon**
Gaelle Joanny, Naunain Mehmood, Giorgia Dessi, Claudia Tamponi, Francesca Nonnis, Chadi Hosri, Urmas Saarna, Antonio Varcasia and Antonio Scala 871
- Echinococcus shiquicus* in Qinghai-Tibet plateau: population structure and confirmation of additional endemic areas**
Hong-Bin Yan, Li Li, Wenhui Li, Guoqiang Zhu, Jian-Qiu Li, Yantao Wu, Nianzhang Zhang, Yaodong Wu, Min Li, Linsheng Zhang, Gang Yao, Wenjun Tian, Le Li, Wenjing Li, Aimin Guo, Guodong Dai, Baoquan Fu, John Asekhaen Ohiolele and Wan-Zhong Jia 879
- Echinococcus granulosus* cyst fluid suppresses inflammatory responses by inhibiting TRAF6 signalling in macrophages**
Ke Lin, Di Zhou, Min Li, Jin Meng, Feiming He, Xiaofeng Yang, Dan Dong, Xian Wang, Xiangwei Wu, Xueling Chen and Jun Hou 887