



# Tropical Biomedicine

VOL. 34 NO. 2

JUNE 2017

ISSN 01239-5720

THE MALAYSIAN SOCIETY OF PARASITOLOGY AND TROPICAL MEDICINE

IMPACT  
FACTOR  
0.685

This journal is abstracted / indexed by Medline, ISI Thompson, CAB International, Zoological Abstracts, SCOPUS

## CONTENTS

Page

Mosquitocidal Potential of Native <i>Bacillus thuringiensis</i> Strain SY49-1 against Disease Vector, <i>Culex pipiens</i> (Diptera: Culicidae) by Azizoglu, U., Yilmaz, S., Ayvaz, A., Karabörklü, S. and Atciyurt, Z.B.	256
<i>Theileria buffeli</i> infections in grazing cattle in the Republic of Korea by Han, Y.J., Han, D.G., Chae, J.S., Park, J.H., Park, B.K., Kim, H.C. and Choi, K.S.	263
The synthetic molecules YK51 and YK73 attenuate replication of dengue virus serotype 2 by Gan, C.S., Lee, Y.K., Heh, C.H., Rahman, N.A., Yusof, R. and Othman, S.	270
Survey of indoor sarcosaphagous insects by Ren, L.P., Deng, H.X., Dong, S.Z., Li, J.B., Hu, X.H., Cai, J.F. and Guo, Y.D.	284
Characterization of virulence genes, serogroups and antimicrobial susceptibility of Shiga toxin producing <i>Escherichia coli</i> isolated from bovine mastitic milk in Tehran, Iran by Zafarane, S., Houri, H., Kazemian, H., Heidari, H., Amiri, P. and Tabarraei, B.	295
Acute intestinal schistosomiasis among school-aged children presented to King Abdullah Hospital, Bisha province, Saudi Arabia: A Case Series by Alqahtani, D.O., Abbas, M., Alshahrani, A.M. and Ibrahim, M.E.	305
Seasonal abundance in necrophagous Diptera and Coleoptera from northern Venezuela by Jose Nuñez Rodríguez and Jonathan Liria	315
The prevalence of helminthiasis in cattle, Terengganu, Peninsular Malaysia by Rita, N., Mursyidah, A.K. and Khadijah, S.	324
Isolation of <i>Naegleria fowleri</i> from a domestic water tank associated with a fatal encephalitis in a 4 month-old Venezuelan child by Wagner, C., Vethencourt Ysea, M.A., Galindo, M.V., Guzmán De Rondón, C., Nessi Paduani, A.J., Reyes-Battle, M., López-Arencibia, A., Sifaoui, I., Pérez De Galindo, M.V., Martínez-Carretero, E., Valladares, B., Maciver, S.K., Piñero, J.E. and Lorenzo-Morales, J.	332
Correlation between clinical responses with the drug-susceptibility of parasites in Iranian cutaneous leishmaniasis caused by <i>Leishmania major</i> by Zarean, M., Maraghi, S.H., Hajjaran, H., Mohebbi, M., Feiz-Haddad, M.H. and Assarehzadegan, M.A.	338
Evaluation of <i>frxA</i> and <i>rdxA</i> gene mutations in clinical metronidazole resistance <i>Helicobacter pylori</i> isolates by Somi, M.H., Rahmati-Yamchi, M., Sharifi, Y., Kafshdooz, T. and Milani, M.	346

(continued on inner front cover)

Seroprevalence of <i>Leishmania</i> infection in domestic animals in Songkhla and Satun provinces, southern Thailand by <i>Junsiri, W., Wongnarkpet, S., Chimnoi, W., Kengradomkij, C., Kajeerum, W., Pangjai, D. and Nimsuphan, B.</i>	352
Soil-Transmitted Helminths in Malaysia landscape: an aborigines study by <i>Brandon-Mong, G.J., Abdullah, N.A., Shukor, N., Jaturas, N., Richard, R.L., Choo, J.C., Majid, M.A.A., Mahboob, T., Tan, T.C., Sawangjaroen, N. and Nissapatorn, V.</i>	363
Efficacy of Four Species of Zingiberaceae Extract Against Vectors of Dengue, Chikungunya and Filariasis by <i>Restu Wijaya Mahardika, Halijah Ibrahim, Nurulhusna, A.H. and Khalijah Awang</i>	375
Different porcine reproductive and respiratory syndrome (PRRS) vaccine regimes and its effect on pig immunity status at Southeast Asia pig farms by <i>Cheah, Z.H., Ooi, P.T., Phang, L.Y., Chua, V., Low, S.E., Cheah, H.C., Lim, E., Yong, C.K. and Kam, K.Y.</i>	388
One-year prevalence of antimicrobial susceptibility pattern of methicillin-resistant <i>Staphylococcus aureus</i> recovered from raw meat by <i>Hasanpour Dehkordi, A., Khaji, L., Sakhaei Shahreza, M.H., Mashak, Z., Safarpour Dehkordi, F., Safaee, Y., Hosseinzadeh, A., Alavi, I., Ghasemi, E. and Rabiei-Faradonbeh, M.</i>	396
Molecular identification of macroscopic cysts of <i>Sarcocystis</i> in sheep in Babol, in the north of Iran by <i>Hatami, A., Rashno, Z., Hamidinejat, H. and Youssefi, M.R.</i>	405
Antibiotic susceptibility pattern and identification of quinolone-resistant strains of <i>Klebsiella pneumoniae</i> clinical specimens from Khorramabad, Iran by <i>Azadpour, M., Soleimani, Y., Rezaie, F. and Rezaeifar, M.</i>	412
Seroprevalence of <i>Toxoplasma gondii</i> in free range chickens ( <i>Gallus domesticus</i> ) in Khon Kaen province, Thailand by <i>Saichua, P., Jumnainsong, A., Tantrawatpan, C., Kiatsopit, N., Kopolrat, K., Suwannatrai, A. and Sithithaworn, P.</i>	419
Scorpionism in Sidi Okba, Algeria: a cross-sectional study of 2016 stung patients between 2014 and 2015 by <i>Selmane, S., Benferhat, L., L'Hadj, M. and Zhu, H.</i>	425
Comparison of the <i>Toxoplasma gondii</i> mice and cell culture derived antigens in ELISA assay by <i>Poshtehban, A., Shojaee, S., Keshavarz, H., Salimi, M. and Mohebal, M.</i>	433
A new species and seven new records of black flies (Diptera: Simuliidae) from Kalimantan, Indonesia by <i>Takaoka, H., Sofian-Azirun, M., Ya'cob, Z., Chen, C.D., Low, V.L. and Harmonis</i>	437
A survey on parasites in wild rodents in Xiji County, a northwestern part of China by <i>He, W., Ke, L., Guo, X., Chen, Y., Shao, Z., Ding, J., Wang, J., Li, Z. and Zheng, Y.</i>	449
The prevalence of intestinal parasitic protozoan among patients in Ad-Dawadimi General Hospital, Saudi Arabia by <i>Alanazi, A.D.</i>	453

SHORT COMMUNICATIONS

Filariasis in axillary lymph node by <i>Chen, L.S., Wong, P.S., Leong, K.N. and Chow, T.S.</i>	461
Gastrointestinal helminths and <i>Taenia</i> spp. in parenteral tissues of free-roaming pigs ( <i>Sus scrofa indicus</i> ) from hill-tribe village at the western border of Thailand by <i>Chaisiri, K., Aueawiboonsri, S., Kusolsuk, T., Dekumyoy, P., Sanguankiat, S., Homsuwan, N., Peunpipoom, G., Okamoto, M., Yanagida, T., Sako, Y. and Ito, A.</i>	464
Simulated field study on the efficacy of the thermal application of a synergized pyrethroid formulation against <i>Aedes aegypti</i> (Linn.) and <i>Culex quinquefasciatus</i> Say by <i>Wan-Norafikah, O., Lee, H.L., Loke, S.R., Andy-Tan, W.A., Lau, K.W., Sofian-Azirun, M., Azidah, A.A., Nor-Azlin, M.R. and Chen, C.D.</i>	471
Molecular identification of <i>Gnathostoma spinigerum</i> (Nematoda: Gnathostomatidae) as causative agent of human gnathostomiasis in Thailand by <i>Eamsobhana, P., Wanachiwanawin, D., Roongruangchai, K., Pornpanich, K. and Yong, H.S.</i>	478
An epidemiological survey of echinococcosis in intermediate and definitive hosts in Qinghai Province, China by <i>Dang, Z., Fu, Y., Duo, H., Fan, H., Qiao, Z., Guo, Z., Feng Kai, Chui, W., Shen, X., Geng Qiu, J., Ni, M., He, S., Zhao, H., Peng, M., Xiao, N., Nonaka, N., Nasu, T., Huang, F., Oku, Y., Hayashimoto, N., Hu, W. and Li, W.</i>	483
Limited fertility of the subcutaneous cysts of <i>Echinococcus multilocularis</i> by <i>Dang, Z., Zhang, X., Luo, X., Gao, Z., Jia, W., Xiao, N., Huang, F., Zhao, Y., Xu, S., Hu, W. and Zheng, Y.</i>	491

NOTICE TO CONTRIBUTORS

The Journal welcomes previously unpublished papers which contribute to the advancement of knowledge of parasitology, tropical medicine and other aspects of biomedical research.

**Manuscripts** which must be in English, should be sent to the Editor by email as attachment – editor.msptm@gmail.com (MS Word is what we prefer).

Papers should be preceeded by a short abstract and will normally have the following sections: brief Introduction; Materials and Methods; Results; Discussion; Acknowledgements and References. Past issues should be consulted for a suitable format.

Information should not be repeated in the text and in tables or figures. The legends to tables and to figures should be sufficiently detailed for the information to be understood without reference to the text. All figures will be printed in black and white. Authors will have to pay for colour printing. Citation of unpublished reports is not permitted.

**References** should be given in alphabetical order with the **full title of the journal**, for example.

Laudau, I. & Boulard, Y. (1978). Life cycles and morphology. In: *Rodent Malaria* (Editors, R. Killick-Kendrik & W. Peters) pp. 53–84. Academic Press, London.  
Lim, B.L., Sustriayu, N., Haidi, T.R. & Bang, Y.H. (1980). A study on small mammals in the Ciloto field station area, West Java, Indonesia with special reference to vectors of plague and scrub typhus. *Southeast Asian Journal of Tropical Medicine and Public Health* **11**: 71–80.

Reprints

Reprints will not be provided as the pdf format can be downloaded from the Society's website: <http://www.msptm.org>