



# Tropical Biomedicine

VOL. 32 NO. 4

DECEMBER 2015

KDN PQ / PP1505  
(4869)

ISSN 01239-5720

THE MALAYSIAN SOCIETY OF PARASITOLOGY AND TROPICAL MEDICINE

IMPACT  
FACTOR  
0.815

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

TROPICAL BIOMEDICINE

Vol. 32 No. 4

December 2015

## CONTENTS

Page

- Antibiograms, resistance genes, class I integrons and PFGE profiles of zoonotic *Salmonella* in Malaysia by *Abatcha, M.G., Zakaria, Z., Dhaliwal, K.G.K. and Thong, K.L.* 573
- Evaluation of land cover and prevalence of dengue in Malaysia by *Tiong, V., Abd-Jamil, J., Mohamed Zan, H.A., Abu-Bakar, R.S., Ew, C.L., Jafar, F.L., Nellis, S., Fauzi, R. and AbuBakar, S.* 587
- Blood parasites of some Anurans from southern Nigeria by *Aisien, M.S.O., Aigbirior, P.O., Ovwah, E. and Edo-Taiwo, O.* 598
- Post viper bite *Pasteurella multocida* necrotizing fasciitis complicates with septicaemia and renal failure by *Nadiyah, A., Azira, N.M.S., Nazli, Z. and Zeehaida, M.* 608
- Immunoproteomic analysis of *Trichinella spiralis* larval crude antigens recognized by sera from patients with trichinellosis after treatment with albendazole by *Dea-Ayuela, M.A., Sadkowska-Todys, M., Wroblewski, J., Torrado-Durán, J.J., Golab, E. and Bolas-Fernández, F.* 613
- Three Sarcophagid species (Diptera: Sarcophagidae) newly recorded in Thailand by *Chaiwong, T., Kurahashi, H., Sanit, S., Moophayak, K., Sukontason, K. and Sukontason, K.L.* 625
- Cluster of differentiation expressions among Nigerians with *Ascaris lumbricoides* infection by *Janet Funmilayo Akinseye, Onyebiguwa Patrick Goddey Nmorsi, Clement Isaac, Oriri Asemota Omorodion and Browne Chukwudi Okonkwo* 636
- The relation between immunocompromised status and *Strongyloides stercoralis* infection: case-control study by *Dewi Masyithah Darlan, Heri Wibowo and Agnes Kurniawan* 644
- Enteric parasites of Egyptian captive birds: A general coprological survey with new records of the species by *El-Shahawy, I.S. and Abou Elenien, F.* 650
- Processes evaluation of coverage and compliance to a round of mass drug administration with DEC and Albendazole for the control of lymphatic filariasis in Puducherry, India by *Gunasekaran, S., Kalimuthu, T., Rajalakshmi, S. and Jaipratha, J.R.* 659

(continued on inner front cover)

Serodiagnosis of trichinellosis by ELISA using recombinant nudix hydrolase of <i>Trichinella spiralis</i> by Shao Rong Long, Xiang Yu Tian, Zhong Quan Wang, Ruo Dan Liu, Li Na Liu, Peng Jiang, Xi Zhang and Jing Cui	669
A preliminary screening of potentially antimalarial plants against <i>Plasmodium falciparum</i> in vitro by Khaw, L.T., Leerach, N., Yap, N.J., Jaturas, N., Mahboob, T., Tan, T.C., Dungca, J.Z., LosBaños, Z.D., Sitthisak, S., Chow, S.C., Lim, Y.A.L., Sawangjaroen, N., Wiart, C. and Nissapatorn, V.	676
Evaluation of insect growth regulators, temephos and <i>Bacillus thuringiensis israelensis</i> against <i>Aedes aegypti</i> (L) in plastic containers by Lau, K.W., Chen, C.D., Lee, H.L. and Sofian-Azirun, M.	684
Seroprevalence of <i>Toxoplasma gondii</i> infection in free-range chickens in Jilin Province, northeastern China by Ma, L., Wang, Z.D., Li, J.P., Wei, F. and Liu, Q.	693
Gigantic amoebic liver abscess in pregnancy: A case report by Chiam, K.H., Yvonne AL Lim, Rohela Mahmud, Romano Ngui and Lee Lee Low	699
Prevalence and risk factor of Q fever among veterinary students in Iran by Mohammad Khalili, Ali Qorbani, Hamid Sharifi and Mehdi Golchin	704
Soil-transmitted helminth infections among malaria patients determined by microscopy and real-time PCR methods at two district hospitals in Sarawak, Malaysia by Othman, N., Basuni, M., Muhi, J., Miswan, N. and Noordin, R.	710
Genotypic characterization of <i>Echinococcus granulosus</i> isolates based on the mitochondrial cytochrome c oxidase 1 (cox1) gene in Northwest Iran by Mahami-Oskouei, M., Ghabouli-Mehrabani, N., Miahipour, A., Fallah, E., Shahbazi, A., Mazhari, N. and Hamidi, F.	717
Molecular detection of <i>Anaplasma</i> sp. and <i>Ehrlichia</i> sp. in ticks collected in domestical animals, Colombia by Jorge Miranda and Salim Mattar	726
Detection of <i>Leishmania martiniquensis</i> DNA in various clinical samples by quantitative PCR by Jungudomjaroen, S., Phumee, A., Chusri, S., Kraivichian, K., Jariyapan, N., Payungporn, S. and Siriyasatien, P.	736
Observations of the rabbit pinworm <i>Passalurus ambiguus</i> (Rudolphi, 1819) in domestic rabbits ( <i>Oryctolagus cuniculus</i> ) in Egypt using a scanning electron microscope by Sultan, K., Elhawary, N.M., Sorour, Sh. Gh. and Sharaf, H.M.	745
A reproducible method for extraction of <i>Plasmodium falciparum</i> DNA by microwave irradiation and its potential for rapid molecular diagnosis by Narong Jaturas, Naruemon Onnoi, Thulasi Kumar, Brandon Mong Guo Jie, Subashini Onichandran, Sasheela Ponnampalavanar, Aunchalee Thanwisai, Tian Chye Tan, Nongyao Sawangjaroen and Veeranoot Nissapatorn	753
Isolation and identification of mites associated with raw and commercial farm edible bird nests by Kew, P.E., Wong, S.F., Ling, S.J., Lim, P.K.C. and Mak, J.W.	761
Analysis of Structures, Functions, and Epitopes of Aminopeptidase from <i>Trichinella spiralis</i> by Zhang, Y.L., Zhang, H.W., Zhang, X., Liu, L.N., Liu, R.D., Xu, B.L., Wang, Z.Q. and Cui, J.	776
<i>Simulium bakalalanense</i> , a new species of the subgenus <i>Gomphostilbia</i> and three new records of black flies (Diptera: Simuliidae) from Mount Murud, Sarawak, Malaysia by Zubaidah Ya'cob, Hiroyuki Takaoka and Mohd Sofian-Azirun	783
<b>CASE STUDY</b>	
First record of <i>Megaselia scalaris</i> (LOEW) (DIPTERA: PHORIDAE) infesting a spinose ear tick, <i>Otobius megnini</i> , colony in Sri Lanka by Diyees, G.C.P., Karunaratne, W.A.I.P., Tomberlin, J.K. and Rajakaruna, R.S.	791
<b>RESEARCH NOTES</b>	
Dengue, an emerging arboviral infection in Assam, northeast India by Dev, V., Mahanta, N. and Baruah, B.K.	796
Parasitological survey of schoolchildren from a high-altitude community from Tucumán Province, Argentina: Remarkable low detection of soil-transmitted helminths in comparison with coastal communities by Dib, J.R., Fernández-Zenoff, M.V., Oquilla, J., Rudelli, M., Lazarte, S. and González, S.N.	800

## 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, Dr. Indra Vythilingam, by email as attachment – editor@msptm.org (MS Word is what we prefer).

Papers should be preceded 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>