

# THE SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH

Volume 35

Number 4

December 2004

## CONTENTS

	Page
Epidemiology of soil-transmitted helminths in the western region of Bhutan .....	777
..... H Allen, G Sithey, EA Padmasiri, A Montresor	
Common antigenicities between <i>Angiostrongylus cantonensis</i> and various species of snails .....	780
..... Y Iwanaga	
<i>Gnathostoma</i> infection in fish caught for local consumption in Nakhon Nayok Province, Thailand. II. Seasonal variation in swamp eels .....	786
..... W Rojekittikhun, T Chaiyasith, P Butraporn	
PCR technique for detecting <i>Toxoplasma gondii</i> in animal amniotic fluid .....	792
..... J Toompong Wiengcharoen, R Chiabchalam, Y Sukthana	
Development of <i>Isospora belli</i> in Hct-8, Hep-2, human fibroblast, BEK and Vero culture cells .....	796
..... C Siripanth, B Punpoowong, P Amarapal, N Thima	
Occurrence of <i>Giardia</i> cysts and <i>Cryptosporidium</i> oocysts in the Temuan Orang Asli (aborigine) river system .....	801
..... YAL Lim, RA Ahmad	
The hematological status, plasma vitamin B <sub>12</sub> and folic acid levels, and intestinal pathology in rats infected with <i>Giardia lamblia</i> .....	811
..... C Cheeramakara, A Nontprasert, C Siripanth, W Tanomsak, U Chularerk, P Sucharit, S Areekul	
Case report. <i>Parafilaria bovicola</i> Tubangui 1934 from a human eye in Thailand .....	817
..... M Bhaibulaya, A Yoolek, M Kobkijcharoen	
Malaria parasite developmental analyses by the nested polymerase chain reaction method: an implication for the evaluation of mosquito infection rates in epidemiological studies .....	820
..... MM Fabian, H Toma, T Arakawa, Y Sato	
Detection of <i>P. vivax</i> antigens in malaria endemic populations of Nepal by ELISA using monoclonal antibodies raised against Thai isolates .....	828
..... HH Joshi, Y Mahakunkijcharoen, S Tantivanich, AP Sharma, S Khusmith	
Malaria infection and life-style factors among hilltribes along the Thai-Myanmar border area, northern Thailand .....	834
..... N Pichainarong, W Chaveepojnкамжorn	
Short report. CyQUANT cell proliferation assay as a fluorescence-based method for <i>in vitro</i> screening of antimalarial activity .....	840
..... N Sriwilaijaroen, JX Kelly, M Riscoe, P Wilairat	
Gastrointestinal manifestations of septic patients with scrub typhus in Maharat Nakhon Ratchasima Hospital .....	845
..... Aung-Thu, W Supanaranond, W Phumiratanaprapin, B Phonrat, S Chinprasatsak, N Ratanajaratroj	
Evaluation of PCR and nested PCR assays currently used for detection of <i>Coxiella burnetii</i> in Japan .....	852
..... M Ogawa, A Setiyono, K Sato, Y Cai, S Shiga, T Kishimoto	
Cloning and expression of <i>Vibrio cholerae</i> virulence gene, accessory cholera enterotoxin ( <i>ace</i> ) .....	856
..... WMZ Somarny, NS Mariana, R Rozita, AR Raha	
A prospective evaluation of four immunodiagnostic assays for human leptospirosis .....	863
..... M Kemapunmanus, S Sretrirutchai, P Khuntikij, S Pradutkanchana, J Pradutkanchana	
<i>Streptococcus suis</i> meningitis in Thailand .....	868
..... C Suankratay, P Intalapaporn, P Nunthapisud, K Arunyingmongkol, H Wilde	
Case report. Group C streptococcal bacteremia: a case report from India .....	877
..... S Mohanty, A Kapil, M Mohapatra, B Das, B Dhawan, VP Choudhry	
Evaluation of polymerase chain reaction, conventional and MRSA screen latex agglutination methods for detection of methicillin-resistant, -borderline and -susceptible <i>Staphylococcus aureus</i> .....	879
..... C Chomvarin, T Siripornmongcolchai, K Chaicumpar, T Lampaiboon, C Wongham, W Yutanawiboonchai	
Acute bacterial meningitis in adults: a 20 year review .....	886
..... B Khwannimit, P Chayakul, A Geater	
Prevalence and antimicrobial susceptibility of <i>Pseudomonas aeruginosa</i> mucoid and non-mucoid type .....	893
..... S Srifuengfung, C Tiensasitorn, T Yungyuen, C Dhiraputra	

Bacterial isolation and antimicrobial susceptibilities in patients with infective endocarditis .....	S Srifungfung, T Yungyuen, P Komolpis	897
Characterization of recombinant antibodies developed for capturing enterohemorrhagic <i>Escherichia coli</i> O157:H7 .....	R Kanitpun, GG Wagner, SD Waghela	902
Temporal trends of dengue fever/dengue hemorrhagic fever in Bangkok, Thailand from 1981 to 2000: age-period-cohort analysis .....	K Kongsomboon, P Singhasivanon, J Kaewkungwal, S Nimmannitya, MP Mammen Jr, A Nisalak, P Sawanpanyalert	913
The Geographic Information System as an epidemiological tool in the surveillance of dengue virus-infected <i>Aedes</i> mosquitos .....	R Sithiprasasna, S Patpoparn, W Attatippaholkun, S Suvannadabba, M Srisuphanunt	918
A phase IV open label study to assess the safety, tolerability and immunogenicity of a <i>Haemophilus influenzae</i> type B (HIB) CRM <sub>197</sub> conjugated vaccine administered to healthy infants at 2, 4, and 6 months of age .....	C Pancharoen, J Mekmullica, U Thisyakorn, M Bianchini	927
Case report. Cryptococcal meningitis in an immunocompetent child: a case report and literature review .....	N Othman, NN Abdullah, Z Abdul Wahab	930
Cryptococcosis in HIV-infected children .....	S Likasitwattanakul, B Poneprasert, V Sirisanthana	935
HIV risk behavior and practices among heroin addicts in Lahore, Pakistan .....	F Emmanuel, S Akhtar, A Attarad, C Kamran	940
Field performance of VAQTA™ (inactivated, purified hepatitis A vaccine) in Chinese children in Jiangsu .....	H Wang, X Chen, Z Chen, W Lu, G Poerschke, K Eves, J Gress, B Kuter	949
Immunizing children to protect against the increasing risk of hepatitis A in adolescents and young adults in South Korea .....	YM Sohn, JS Lee, JH Park, G Poerschke, K Eves, J Gress, B Kuter	954
Research note. Prevalence of hepatitis A virus infection in children with biliary atresia .....	V Chongsrisawat, A Theamboonlers, Y Poovorawan	959
Prevalence of snake bites in Kangar District Hospital, Perlis, West Malaysia: a retrospective study (January 1999-December 2000) .....	I Jamaiah, M Rohela, R Roshalina, RC Undan	962
Gastrointestinal lymphoma in Thailand: a clinicopathologic analysis of 120 cases at Siriraj Hospital according to WHO classification .....	S Sukpanichnant, C Udomsakdi-Auewarakul, T Ruchutrakool, S Leelakusolvong, S Boonpongmanee, V Chinswangwatanakul	966
Prenatal exclusion of Crouzon Syndrome by mutation analysis of <i>FGFR2</i> .....	V Phupong, C Srichomthong, V Shotelersuk	977
Functional independence and rehabilitation outcome in traumatic spinal cord injury .....	J Jongjit, W Sutharom, L Komsopapong, N Numpechitra, P Songjakkaew	980
The study of bacterial flora of different types in hospital waste: evaluation of waste treatment at AIIMS Hospital, New Delhi .....	S Saini, BK Das, A Kapil, SS Nagarajan, RK Sarma	986
Heterogeneity of daily pulmonary function in response to air pollution among asthmatic children .....	W Aekplakorn, D Loomis, N Vichit-Vadakan, S Bangdiwala	990
Smoking among adult males in an urban community of Karachi, Pakistan .....	AK Khuwaja, MM Kadir	999
Risk assessment towards tuberculosis among hospital personnel: administrative control, risk exposure, use of protective barriers and microbial air quality .....	P Luksamijarulkul, C Supavanit, P Loosereewanich, P Aiumlaor	1005
Effectiveness of a diabetes education and intervention program on blood glucose control for patients with type 2 diabetes in a Turkish community .....	Y Acik, HY Bulut, C Gulbayrak, O Ardicoglu, N Ilhan	1012
Hidden reality on the introduction of auto-disable syringes in developing countries .....	C Kuroiwa, A Suzuki, Y Yamaji, M Miyoshi	1019
The effect of xylitol chewing gum on mutans streptococci in saliva and dental plaque .....	S Thaweoobon, B Thaweoobon, S Soo-Ampon	1024
Effects of calcium supplements on the risk of renal stone formation in a population with low oxalate intake .....	W Stichantrakul, W Sopassathit, S Prapaipanich, S Domrongkitchaiporn	1028
Urine phenol levels among Thai police, implications for occupational health .....	S Soogarun, V Wiwanitkit, J Suwansaksri	1034
Fatty acid and cholesterol in eggs: a review .....	TB Butarbutar	1036
Comparison of colorimetry and electrothermal atomic absorption spectroscopy for the quantification of non-transferrin bound iron in human sera .....	P Jittangprasert, P Wilairat, P Pootrakul	1039