

# THE SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH

Volume 32

Number 1

March 2001

## CONTENTS

	Page
Editorial .....	1
Relationship of intestinal parasites to the environment and to behavioral factors in children in the Bolikhamxay Province of Lao PDR .....	4
..... H Hohmann, S Panzer, C Phimpachan, C Southivong, FP Schelp	
Impact of intestinal helminth infection on anemia and iron status during pregnancy : A community based study in Indonesia .....	14
..... DS Nurdiati, S Sumarni, Suyoko, M Hakimi, A Winkvist	
Geo-helminth infections in a rural area of Sri Lanka .....	23
..... SD Fernando, H Goonethilleke, KH Weerasena, ND Kurupparachchi, D Tilakaratne, D de Silva, AR Wickremasinghe	
Schistosomiasis malayensis-like infection among the Penan and other interior tribes (Orang Ulu) in upper Rejang River Basin, Sarawak, Malaysia .....	27
..... DD Sagin, G Ismail, JNF Fui, JJ Jok	
Intestinal microsporidiosis in HIV-infected children with acute and chronic diarrhea .....	33
..... S Leelayoova, N Vithayasai, V Watanaveeradej, T Chotpitayasunondh, V Therapong, T Naaglor, M Munghthin	
A survey of <i>Toxoplasma gondii</i> antibodies in pigs in Indonesia .....	38
..... I Inoue, SL Chen, D Husin, K Matsuo, P Darmani	
Overview : Drug resistant malaria on the Thai-Myanmar and Thai-Cambodian borders .....	41
..... C Wongsrichanalai, J Sirichaisinthop, JJ Karwacki, K Congpuong, RS Miller, L Pang, K Thimasarn	
Frequency of early rising parasitemia in falciparum malaria treated with artemisinin derivatives .....	50
..... U Silachamroon, W Phumratanaprapin, S Krudsood, S Treeprasertsuk, V Budsaratid, K Pornpininworakij, P Wilairatana, S Looareesuwan	
Can treatment for <i>P. vivax</i> lead to a unexpected appearance of falciparum malaria? .....	57
..... DP Mason, S Krudsood, P Wilairatana, P Viriyavejakul, U Silachamroon, W Chocejindachai, P Singhasivanon, S Supavej, FE McKenzie, S Looareesuwan	
Effects of hydroxypyridinone iron chelators in combination with antimalarial drugs on the <i>in vitro</i> growth of <i>Plasmodium falciparum</i> .....	64
..... K Pattanapanyasat, K Kotipun, K Yongvanitchit, RC Hider, DE Kyle, DG Heppner, DS Walsh	
Case report : Severe hepatic dysfunction associated with falciparum malaria .....	70
..... R Premaratna, AKE Gunatilake, NR de Silva, Y Tilakaratne, MMD Fonseka, HJ de Silva	
Research note : Tropical pulmonary eosinophilia and filariasis in Pakistan .....	73
..... MA Beg, A Naqvi, V Zaman, R Hussain	
The application of ethanol-extracted <i>Gloriosa superba</i> for metaphase chromosome preparation in mosquitos .....	76
..... W Choochote, B Pitasawat, A Jitpakdi, E Rattanachanpichai, D Riyong, S Leemingsawat, S Wongkamchai	
Research note : Preliminary studies of <i>Anopheles</i> mosquitos in eight provinces in Lao PDR .....	83
..... I Vythilingam, K Keokenchan, S Phommakot, S Nambanya, S Inthakone	
Inhibition of lymphocyte proliferative responses to <i>Helicobacter pylori</i> by plastic adherent cells .....	88
..... AM Uyub, A Khairul Anuar	

Transition of drug susceptibilities of <i>Vibrio cholerae</i> O1 in Lao People's Democratic Republic .....	B Phantouamath, N Sithivong, L Sisavath, K Munnalath, C Khampheng, S Insisiengmay, N Higa, S Kakinohana, M Iwanaga	95
Detection and molecular characterization of the <i>zot</i> gene in <i>Vibrio cholerae</i> and <i>V. alginolyticus</i> isolates .....	N Raja, MN Shamsudin, W Somarny, R Rosli, RA Rahim, S Radu	100
Development of duplex PCR assay for rapid detection of enterotoxigenic isolates of <i>Clostridium perfringens</i> .....	U Tansuphasiri	105
Detection of <i>Mycobacterium tuberculosis</i> from sputum specimens using one-tube nested PCR .....	N Gengvinij, S Pattanakitsakul, N Chieraku, A Chairasert	114
Invasive pneumococcal infection in children .....	CH Yu, NC Chiu, FY Huang	126
Evaluation of a newly developed dipstick test for the rapid diagnosis of scrub typhus in febrile patients .....	S Chinprasatsak, P Wilairatna, S Looareesuwan, F Chappuis, K Akkavong, H Laferl, C Eamsila	132
Retrospective analysis of epidemiological investigation of Japanese encephalitis outbreak occurred in Rourkela, Orissa, India .....	AP Dash, GP Chhotray, N Mahapatra, RK Hazra	137
A comparative study of <i>Phyllanthus amarus</i> compound and interferon in the treatment of chronic viral hepatitis B .....	XH Wang, CQ Li, XB Guo, LC Fu	140
Seroprevalence of anti-human herpesvirus-6 IgG antibody in children of Bangkok, Thailand .....	P Bhattarakosol, C Pancharoen, J Mekmullica, P Bhattarakosol	143
Prevalence of cytomegalovirus in Thai blood donors by monoclonal staining of blood leukocytes .....	P Amarapal, S Tantivanich, K Balachandra	148
Rapid diagnosis of cytomegalovirus infection in congenital neonates .....	P Amarapal, S Tantivanich, K Pengsa, U Chotekiate, S Kaolueng, K Balachandra, J Janeprasert, R Samkosade	154
Bacterial causes of AIDS-associated diarrhea in Thailand .....	O Suthienkul, P Aiumlaor, K Siripanichgon, B Eampokalap, S Likhanonsakul, F Utrarachkij, Y Rakue	158
Cutaneous manifestations in HIV positive patients .....	W Supanaranond, V Desakorn, C Sitakalin, N Naing, P Chirachankul	171
Research note : Evaluation of a new fourth-generation microwell enzyme-linked immunosorbent assay for detection of HIV-1 subtype B and E antibodies .....	P Chanbancherd, N Limpairojn, MS de Souza, A Jugsudee, P Juliananto, P Tienamporn, W Leucha, C Tasaniyananda, AE Brown	177
Prenatal diagnosis of hemoglobin Bart's hydrops fetalis by HPLC analysis of hemoglobin in fetal blood samples .....	T Sanguansermisri, P Thanaratanakorn, HF Steger, T Tongsong, P Sirivanatapa, C Wanapirak, S Sirichotiyakul, P Chanprapas, G Flatz	180
The prevalence and pattern of wife beating in the Trincomalee district in eastern Sri Lanka .....	P Subramaniam, S Sivayogan	186
Physical activity and risk factors for hip fractures in Thai men .....	P Suriyawongpaisal, R Rajatanavin, A Takkinstien, S Wanvarie, P Apiyasawat, Thai Osteoporosis Study Group	196
A preliminary study of the distribution of blood group systems in Thai blood donors determined by the gel test .....	O Nathalang, S Kuvanont, P Punyaprasiddhi, C Tasaniyanonda, T Sriphaisal	204
Phase II clinical trial on effect of the long turmeric ( <i>Curcuma longa</i> Linn.) on healing of peptic ulcer .....	C Prucksunand, B Indrasukhsri, M Leethochawalit, K Hungspreugs	208
Stability of ceftazidime in normal saline solution after exposure to light .....	S Jaruratanasirikul, S Sriwiriyan	216