

# THE SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH

Volume 27

Number 2

June 1996

## CONTENTS

	Page
Editorial : HIV and AIDS : Can we develop a common framework for analysis and action?..... .....JL Lamboray	207
Assessing the economic impact of a rapid on-site malaria diagnostic test..... .....S Kaewsonthi, AG Harding, C Kidson, K Indaratna	210
Pharmacokinetics of proguanil in malaria patients treated with proguanil plus atovaquone..... .....MD Edstein, S Looareesuwan, C Viravan, DE Kyle	216
Primary sequence of the envelope glycoprotein of a dengue type 2 virus isolated from patient with dengue hemorrhagic fever and encephalopathy..... .....A Sistayanarain, N Maneekarn, B polprasert, V Sirisanthana, Y Makino, T Fukunaga, N Sittisombut	221
Rapid detection and identification of dengue viruses by polymerase chain reaction (PCR)..... .....P Yenchitsomanus, P Sricharoen, I Jaruthasana, S Pattanakitsakul, S Nitayaphan, J Mongkolsapaya, P Malasit	228
Improved amplification system for detection of hepatitis C virus genome that simultaneously differentiates virus genotypes.....S Songsivilai, D Kanistanon, W Panyavinin, M Neelamek, T Dharakul	237
Acute hemorrhagic conjunctivitis outbreak in Thailand, 1992..... .....P Kosrirukvongs, R Kanyok, S Siritantikorn, C Wasi	244
Evaluation of canine rabies vaccination campaign and characterization of owned-dog populations in the Philippines.....LE Robinson, ME Miranda, NL Miranda, JE Childs	250
Pulmonary tuberculosis in a BCG vaccinated area : relationship of disease severity with immunological and hematological parameters and drug resistance patterns..... .....R Hussain, R Hasan, M Khurshid, AW Sturm, JJ Ellner, G Dawood	257
Indirect hemagglutination antibodies against <i>Burkholderia pseudomallei</i> in normal blood donors and suspected cases of melioidosis in Malaysia....A Norazah, MY Rohani, PT Chang, AG Mohamed Kamel	263
Further observations on comparison of immunization coverage by lot quality assurance sampling and 30 cluster sampling.....J Singh, DC Jain, RS Sharma, T Varghese	267
Immunity to diphtheria in women of childbearing age in Delhi in 1994 : Evidence of continued <i>Coryne- bacterium diphtheriae</i> circulation..... .....J Singh, RL Ichpujani, S Prabha, R Chandra, S Khare, RC Panda, KK Datta	274
Seroprevalence and risk factors of human cysticercosis in a community of Shandong, China..... .....WC Cao, CPB Van der Ploeg, CL Gao, JF Xu, XC Cao, ZH Cui, ZX Ren, JDF Habbema	279
Seroepidemiological study of <i>Toxocara</i> infection in Nepal..... .....SK Rai, S Uga, K Ono, M Nakanishi, HG Shrestha, T Matsumura	286
The evaluation of the 29 and 31 kDa antigens in female <i>Angiostrongylus cantonensis</i> for serodiagnosis of human angiostrongyliasis.....S Nuamtanong	291
Application of local products R-phycoerythrin and monoclonal antibodies as a fluorescent antibody probe to detect <i>Entamoeba histolytica</i> trophozoites..... .....N Thammapalerd, T Supasiri, S Awakairt, S Chandrkrachang	297

<i>Opisthorchis viverrini</i> : Effect of praziquantel on the adult integument.....	W Apinhasmit, P Sobhon	304
<i>Opisthorchis viverrini</i> : The effect of colchicine and cytochalasin B on the adult tegument.....	P Sobhon, W Apinhasmit	312
Research Note : <i>In vitro</i> drug susceptibility of <i>Acanthamoeba castellani</i> to chloroquine, ivermectin and fungizone.....	A Noor Rain, T Radzan, S Sajiri, JW Mak	319
Utilization of reproductive health services in a mountainous area in Vietnam.....	NV Toan, HT Hoa, NT Thach, B Höjer, LA Persson	325
Impacts of training of village health volunteers in reduction of morbidity from acute respiratory infections in childhood in Southern Thailand.....	V Chongsuvivatwong, L Mo-Suwan, K Tayakkanonta, K Vitsupakorn, R Mcneil	333
Prevalence of obesity and overweight in northeast Peninsular Malaysia and their relationship with cardiovascular risk factors.....	WB Wan Mohamad, N Mokhtar, M Mafauzy, BE Mustafa, M Musalmah	339
Iron status of Filipino infants and preschoolers using plasma ferritin and transferrin receptor levels.....	MD Kuizon, JR Madriaga, JA Desnacido, RL Cheong, LA Perlas	343
Risk factors between analgesic use and chronic nephropathy in Thailand.....	S Kantachavesiri, S Kaojarern, D Kitayaporn, S Phanichphant, V Sumethkul, W Wanankul, C Pongskul, W Arkaravichien, S Jankriengkri, T Chanchairujira	350
Malnutrition and growth abnormalities in children with beta thalassemia major.....	P Tienboon, T Sanguansermisri, GJ Fuchs	356
Frequency of $\alpha$ - thalassemia -1 of the Southeast Asian-type among pregnant women in northern Thailand determined by PCR technique.....	B Kitsirisakol, HF Steger, T Sanguansermisri	362
Amplification of Bel I region of the factor VIII gene by PCR.....	R Ishak, LC Khim	364
Minireview : Application of deltamethrin-impregnated bednets for mosquito and malaria control in Yunnan, China.....	ZX Zhang	367
Malaria in Honiara, Solomon Islands : Vector studies.....	D Bell, A Cameron, M Fernando, K Pholsyna, D Foley, B Bakote'e, JH Bryan	372
Feeding patterns of <i>Anopheles dirus</i> , the major vector of forest malaria in northeast india.....	P Dutta, DR Bhattacharyya, SA Khan, CK Sharma, J Mahanta	378
Role of some environmental factors in modulating seasonal abundance of potential Japanese encephalitis vectors in Assam, India.....	SA Khan, K Narain, R Handique, P Dutta, J Mahanta, K Satyanarayana, VK Srivastava	382
Life-cycle, longevity and fecundity of <i>Blomia tropicalis</i> (Ascari : Glycyphagidae) in a tropical laboratory..	A Mariana, TM Ho, SK Heah	392
Survival of beta and gamma races of <i>Neotricula aperta</i> , snail intermediate hosts of <i>Schistosoma mekongi</i> in raw waters.....	C Lohachit, P Sri-Aroon	396
Allozyme variation among six populations of the freshwater-snail <i>Oncomelania hupensis</i> in Zhejiang, China.....	BZ Qian, TK Kristensen, HO Bogh	400
Case Report : Acute viral hepatitis A : A cause of jaundice in typhoid fever.....	P Wilairatana	406
Case Report : A severe case of hemorrhagic fever with renal syndrome in Singapore.....	KP Chan, YC Chan, S Doraisingham	408
Case Report : Non-O : 1 <i>Vibrio cholerae</i> septicemia in thalassemia patients.....	V Laosombat, P Pruekprasert, M Wongchanchailert	411