

# THE SOUTHEAST ASIAN JOURNAL OF TROPICAL MEDICINE AND PUBLIC HEALTH

Volume 27

Number 1

March 1996

## CONTENTS

	Page
Editorial : Food, hunger and the market economy.....	1
Overview : Malaria : cost to India and future trends.....VP Sharma	4
Quinine-tetracycline for multidrug resistant falciparum malaria ..... .....D Bunnag, J Karbwang, K Na-Bangchang, A Thanavibul, S Chittamas, T Harinasuta	15
Artemether-pyrimethamine in the treatment of pyrimethamine-resistant falciparum malaria..... .....K Na-Bangchang, P Tipwangso, A Thanavibul, K Suprakob, T Kanda, J Karbwang	19
Special report : Changes in <i>Neotricula B-aperta</i> population density following construction of the Pak Mun dam in northeast Thailand, with implications for the transmission of schistosomiasis.....SW Attwood	24
Costs, benefits and operational implications of using quantitative techniques to screen for <i>Schistosomiasis haematobium</i> in Egypt.....M Talaat, DB Evans	29
Socioeconomic and behavioral factors affecting the prevalence of geohelminths in preschool children.....NR de Silva, VPP Jayapani, HJ de Silva	36
✓ Intestinal sarcocystosis in Thai laborers.....P Wilairatana, P Radomyos, B Radomyos, R Phraevanich, W Plooksawasdi, P Chanthavanich, C Viravan, S Looareesuwan	43
✓ Vitamin B1, B2 and B6 deficiency in primary school children infected with hookworm..... .....P Nontasut, S Changbumrung, C Muennoo, K Hongthong, N Vudhivai, S Sanguankiat, S Yaemput	47
Spargana infection of frogs in Malaysia.....AB Mastura, S Ambu, O Hasnah, R Rosli	51
Seroprevalence of <i>Sarcoptes scabiei</i> var <i>canis</i> antibodies among Aborigines in Peninsular Malaysia.....Y Normaznah, K Saniah, M Nazma, JW Mak, M Krishnasamy, SL Hakim	53
Ultrastructural characteristics of liver fluke associated human cholangiocarcinoma cell lines.....S Sriurairatana, T Tengchaisri, S Sirisinha	57
Pyruvate : ferredoxin oxidoreductase from <i>Entamoeba histolytica</i> recognized by a monoclonal antibody.... .....N Thammapalerd, D Kotimanusvanij, M Duchene, JA Upcroft, R Mitchell, A Healey, N Samarawickrema, S Tharavanij, G Wiedermann, P Upcroft	63
Comparative surface ultrastructure of adults and eggs of <i>Gnathostoma</i> found in Japan.....M Koga	71
Minireview : The newly discovered non A-E hepatitis viruses.....S Songsivilai, T Dharakul	75
A non-invasive assessment of hepatitis B virus carrier status using saliva samples.....AL Richards, JG Perrault, LT Caringal, CR Manaloto, A Sie, R Graham, RM Ramos, JB Leonardo, KC Hyams	80
Clinico-pathological predictive factors of response to interferon therapy in chronic hepatitis C..... .....P Thavarungkul, K Toriyama, M Kusada, H Kamito, MA Kamito, T Nakayama, Y Kato, H Itakura	85
Seroepidemiology of human herpesvirus 6 in a population seen in the University Hospital Kuala Lumpur, Malaysia.....KB Chua, NS Khairullah, PS Hooi	91
Frequency and risk of HIV infection among men attending a clinic for STD in Chiang Mai, Thailand.....T Siraprapasiri, HM Foy, JK Kreiss, N Pruihitsada, W Thongtub	96

Risk factors for neonatal <i>Klebsiella</i> septicemia in Srinagarind Hospital.....K Pengsaa, P Lumbiganon, S Taksaphan, S Pairojkul, T Sookpranee, P Kosuwon, C Panthongviriyakul, M Sookpranee, W Kosuwon, C Wilailuckana, J Noppawinyoowong, W Bhudisawasdi, J Sithikesorn, P Waetasak, C Namkun	102
Risk factors of acute lower respiratory tract infections in children under five years of age.....SC Dharmage, LC Rajapaksa, DN Fernando	107
Multifactorial pathogenesis of mechanisms <i>Burkholderia pseudomallei</i> as suggested from the comparison with <i>Burkholderia cepacia</i> .....S Wongwanich, P Chotanachan, E Kondo, K Kanai	111
<i>Salmonella enteritidis</i> outbreak in Thailand : study by random amplified polymorphic DNA (RAPD) analysis .....L Katama, P Jayanetra	119
Hemolysins and plasmid profiles of <i>Vibrio parahaemolyticus</i> ..... .....J Vadivelu, SD Puthucheary, A Mitin, CY Wan, B van Melle, JA Puthucheary	126
Characterization of <i>Aeromonas hydrophila</i> : a comparative study of strains isolated from diarrheal feces and the environment..... QM Haque, A Sugiyama, Y Iwade, Y Midorikawa, H Yoshimura, U Kawsar, T Shimada, T Yamauchi	132
ELISA-based colorimetric detection of <i>Rickettsia tsutsugamushi</i> DNA from patient's serum by nested polymerase chain reaction.....GJ Shieh, HL Chen, HY Chen, GR Wang, CB Horng	139
Brackish water mosquito problem of Vypeen Island, Cochin, Kerala..... .....T Mariappan, N Arunchalam, CMR Reddy, S Sabesan, KN Panicker	145
Effects of <i>Brugia malayi</i> infection on the survival of <i>Anopheles sinensis</i> .....LZ Jin, JJ Xu	149
Toxicity of insecticides to <i>Toxorhynchites splendens</i> and three vector mosquitos and their sublethal effect on biocontrol potential of the predator.....DD Amalraj, PK Das	154
Dengue vector mosquitos at a tourist attraction, Ko Samui, in 1995..... .....U Thavara, A Tawatsin, P Phan-Urai, W Ngamsuk, C Chansang, MT Liu, ZJ Li	160
The spectrum of β-thalassemia mutations in Malays in Singapore and Kelantan..... .....WA Abdullah, NB Jamaluddin, SKY Kham, JAMA Tan	164
Analysis of HLA-DRB1 alleles using PCR-RFLP and PCR-MPH..... .....O Na Thalang, C Sukha, C Suwanasophon, R Maneemaroj, Y Okubo, N Tatsumi	169
Increased risk of urinary stone disease by physical exercise..... .....P Sriboonlue, P Tosukhowong, K Tungsanga, S Bovornpadoongkitti	172
The lipoprotein profile of young adults with cerebral atherosclerosis..WH Chen, YY Chang, MS Chou, JS Liu	178
The value of positive nitrites in screening asymptomatic bacteriuria amongst Malaysian school children..... .....D Zainal, A Baba	184
Minireview : Food-borne nitrates and nitrites as a cause of methemoglobinemia.....TYK Chan	189
Research note : Prevalence of lower genital tract infections among Vietnamese women attending a maternal and child health center in Hanoi, Vietnam..... .....PTK Anh, TP Mai, HTM Phuong, DT Cuong, NTM Huong, PV Quy, V Sangpetchsong, D Kitayaporn	193
Case report : <i>Salmonella</i> as a cause of bacteremia and subdural empyema in a patient with HIV infection..... .....J Kanchanapongkul, K Aroonsakul	196
Case report : Infection of an adult in Mie Prefecture, Japan by <i>Bertiella studeri</i> ..... .....K Ando, T Ito, K Miura, H Matsuoka, Y Chinzei	200
Case report : Acute viral hepatitis A patient with early negative HAV-IgM antibody.....P Wilairatana	202
Case report : Fatal miliary tuberculosis with hypercalcemia.....TYK Chan, CHS Chan	204
Errata.....	206