Characterization of malaria infection at two border areas of Thailand adjoining with Myanmar and Malaysia ................................................................. N Sermwittayawong, M Nishibuchi, N Sawangjaroen, V Vuddhakul 551

Case report. Intraosseous proliferative sparganosis presenting as a pathological fracture: a case report and review of the literature ................................................................. P Laovachirasuwan, P Mootsikapun, W Maleewong, PM Intapan 558

Distribution of entomopathogenic nematodes in lower northern Thailand ........................................... A Vitta, T Yimthin, C Fukruksa, W Wongpeera, W Yotpanya, R Polseela, A Thanwisai 564

Temporal changes of Aedes and Armigeres populations in suburban and forested areas in Malaysia ........................................... IM Nurin-Zulkifli, CD Chen, O Wan-Norafikah, HL Lee, K Faezah, AA Izzul, AG Abdullah, KW Lau, Y Norma-Rashid, M Sofian-Azirun 574

Screening for mosquito larvicidal activity of Thai mushroom extracts with special reference to Stecherinum sp against Aedes aegypti (L.) (Diptera: Culicidae) ........................................... D Thongwat, U Pimolsri, P Somboon 586

Larvicidal potential and mosquito repellent activity of Cassia mimosoides extracts .................. MA Alayo, MN Femi-Oyewo, LG Bakre, AO Fashina 596

Evaluation of a commercial rapid test kit for detection of acute dengue infection .................. S Krishnananthasivam, AN Fernando, R Tippalagama, R Tennekoon, J De Man, D Seneviratne, S Premawansa, G Premawansa, AD De Silva 602


Norovirus outbreak at a daycare center in Bangkok, 2014 ................................................................. T Phumpholsup, A Theamboonlers, N Wanlapakorn, JA Felber, S Anugulruengkit, T Puthanakit, S Chomto, S Payunporn, Y Poovorawan 616

Detection by duplex RT-coupled nested PCR of hepatitis A and rotavirus in oysters from Thailand east coast ........................................................................................................ U Intamaso, P Boonbanjong, S Wisunthorn, N Ong-in, B Keawpo, W Poomipak 624

Molecular confirmation of enterovirus from sewage and drinking water samples from three cities, Pakistan: a potential risk factor for public health ........................................... T Ahmad, S Anjum, M Sohail Afzal, H Raza, N-u-S Sadaf Zaidi, N Arshad 640

Causative agents of severe community acquired viral pneumonia among children in eastern Thailand ........ T Pratheepamornkul, W Ratanakorn, R Samransamuakjit, Y Poovorawan 650


Establishing mean CD4+ T cell values among healthy Javanese adults in Indonesia ............ AA Prasetyo, KU Nur Zaini 662
Characteristics and factors influencing unprotected anal intercourse among men who have sex with men in Fuyang, China ......................................................... J Hu, M-y Zhang, J-j Ma, M-x Liu, B-f Chen, X-p Ding, Y-f Wen 680
Factors associated with delay in tuberculosis treatment at 10 tertiary level care hospitals in Thailand .......... T Rattananupong, N Hiransuthikul, V Lohsoonthorn, C Chuchottaworn 689
Prevalence and factors associated with multidrug-resistant tuberculosis at Siriraj Hospital, Bangkok, Thailand ......................................................... A Jitmuang, P Munjit, S Foongladda 697
Dissemination of Salmonella enterica sequence types among Asean Economic Community countries ................................. P Patchanee, P Boonkhot, N Kittiwan, P Tadee, S Chotinun 707
Bacterial identification using SSR encoding transfer-messenger RNA ................. K Osawa, K Shigemura, H Shirai, A Kato, Y Okuya, T Jikimoto, S Arakawa, M Fujisawa, T Shirakawa 720
The burden of invasive neonatal group B streptococcal (GBS) disease in Thailand and the Philippines ...................... ME Villanueva-Uy, P Wongsiridej, V Sangtawesin, V Chiu, V Tallo, N Nazaire-Bermal, H Bock, M Cunnington, C Nan, I Boudville 728
Case report. Histoplasmosis myositis: a case report and literature review .................. S Nimitvilai, W Thammaprasert, S Vinyuvat 738
Safety of a CRM197-conjugated Haemophilus influenzae type b vaccine in Korean children .................................................. H Song, H Bock, A Guadagno, M Costantini, F Baehner, YH Kim, SI Ahn, KH Son, D-S Yim 743
Immunogenicity and safety of Quinvaxem® (diphtheria, tetanus, whole-cell pertussis, hepatitis B and Haemophilus influenzae type b vaccine) given to Vietnamese infants at 2 to 4 months of age .................................. TN Huu, NT Minh Phuong, N Trong Toan, HV Thang 753
Adverse events post-DTaP and DTwP vaccination in Thai children .......................... L Fortuna, C Sirivichayakul, V Watanaveeradej, N Soonthornworasiri, R Sitcharungsi 764
An increase in risk factors for cardiovascular disease in Yogyakarta, Indonesia: a comparison of two cross-sectional surveys .............................. FST Dewi, H Stenlund, M Hakimi, L Weinehall 775
Dental caries and related oral health factors among 9 to 18 month old Thai children .................................................. P Detsomboonrat, PT Pisarurutarakit 786
Occupational carbamate poisoning in Thailand .......................................................... A Tongpoo, C Sripha, S Wongvisawakorn, P Rittilert, S Trakulrsrichai, W Wananukul 798
Factors related to motorcycle accident risk behavior among university students in northeastern Thailand .................................................. U Chumpawadee, P Homchampa, P Thongkrajai, A Suwanimit, W Chadbunchachai 805