



THE AMERICAN JOURNAL OF *Tropical Medicine* *and Hygiene*

Official Journal of the American Society of Tropical Medicine and Hygiene

Volume 73

October 2005

Number 4

Editorial

- Leptospirosis: The need for clinical research ♦ Charles N. Edwards 651

Articles

- Leptospirosis after recreational exposure to water in the Yaeyama Islands, Japan ♦ Masashi Narita, Shigeki Fujitani, David A. Haake, and David L. Paterson 652

Short report: The role and significance of sputum cultures in the diagnosis of melioidosis

- ♦ Diana Huis in 't Veld, Vanaporn Wuthiekanun, Allen C. Cheng, Wirongrong Chierakul, Wipada Chaowagul, Annemarie E. Brouwer, Nicholas J. White, Nicholas P. J. Day, and Sharon J. Peacock 657

- Transcription of the *Rickettsia felis* *ompA* gene in naturally infected fleas ♦ Jorge E. Zavala-Castro, Melissa Small, Colette Keng, Donald H. Bouyer, Jorge Zavala-Velázquez, and David H. Walker 662

- Short report: Abnormal liver function in scrub typhus ♦ Ming-Luen Hu, Jien-Wei Liu, Keng-Liang Wu, Sheng-Nan Lu, Shue-Shian Chiou, Chung-Huang Kuo, Seng-Kee Chuah, Jing-Houng Wang, Tsung-Hui Hu, King-Wah Chiu, Chuan-Mo Lee, and Chi-Sin Changchien 667

- Dracunculiasis eradication: The final inch ♦ Donald R. Hopkins, Ernesto Ruiz-Tiben, Philip Downs, P. Craig Withers, Jr., and James H. Maguire 669

- New evidence of the effects of agro-ecologic change on malaria transmission ♦ Asnakew Kebede, James C. McCann, Anthony E. Kiszewski, and Yemane Ye-Ebiyo 676

- Therapeutic efficacy of sulfadoxine-pyrimethamine and amodiaquine among children with uncomplicated *Plasmodium falciparum* malaria in Zanzibar, Tanzania ♦ Martha M. Lemnge, Abdullah S. Ali, Ezekiel K. Malecela, Edward Sambu, Rahma Abdulla, Mohamed S. Juma, Khatibu Fakih, Khafidh H. Abdulla, and Ritha J. Njau 681

- Preliminary observations on the efficacy of a recombinant multistage *Plasmodium falciparum* vaccine in *Aotus nancymai* monkeys ♦ William E. Collins, G. Gale Galland, John W. Barnwell, Venkatachalam Udhayakumar, Joann S. Sullivan, Douglas Nace, Jon Eric Tongren, Tyrone Williams, Jacqueline Roberts, Ya Ping Shi, and Altaf A. Lal 686

- Short report: Adverse perinatal outcomes of HIV-1-infected women in relation to malaria parasitemia in maternal and umbilical cord blood ♦ Eduardo Villamor, Gernard Msamanga, Said Aboud, Willy Urassa, David J. Hunter, and Wafaie W. Fawzi 694

- Malaria and nutritional status among pre-school children: Results from cross-sectional surveys in western Kenya ♦ Jennifer F. Friedman, Arthur M. Kwena, Lisa B. Mirel, Simon K. Kariuki, Dianne J. Terlouw, Penelope A. Phillips-Howard, William A. Hawley, Bernard L. Nahlen, Ya Ping Shi, and Feiko O. Ter Kuile 698

- 5-day nonobserved artesunate monotherapy for treating uncomplicated *falciparum* malaria in young Gabonese children ♦ Norbert G. Schwarz, Sunny Oyakhrome, Marc Pötschke, Benjamin Gläser, Peter Klein Klouwenberg, Handan Altun, Ayola A. Adegnika, Saadou Issifou, Jürgen F. J. Kun, Peter G. Kremsner, and Martin P. Grobusch 705

- Short report: Inhibitory effect of lactoferrin on *in vitro* growth of *Babesia caballi* ♦ Hiromi Ikadai, Tetsuya Tanaka, Nona Shibahara, Hiroko Tanaka, Aya Matsuu, Noboru Kudo, Kei-Ichi Shimazaki, Ikuo Igarashi, and Takashi Oyamada 710

- Impact of illness and non-combat injury during operations Iraqi Freedom and Enduring Freedom (Afghanistan) ♦ John W. Sanders, Shannon D. Putnam, Carla Frankart, Robert W. Frenck, Marshall R. Monteville, Mark S. Riddle, David M. Rockabrand, Trueman W. Sharp, and David R. Tribble 713

- Virgin soil: The spread of visceral leishmaniasis into Uttar Pradesh, India ♦ Paul G. Barnett, S. P. Singh, Caryn Bern, Allen W. Hightower, and Shyam Sundar 720

- Microsatellite and mitochondrial genetic differentiation of *Anopheles arabiensis* (diptera: culicidae) from western Kenya, the Great Rift Valley, and coastal Kenya ♦ Emmanuel A. Temu and Guiyun Yan 726

- Male sex pheromones and the phylogeographic structure of the *Lutzomyia longipalpis* species complex (diptera: psychodidae) from Brazil and Venezuela ♦ Phillip C. Watts, J. Gordon C. Hamilton, Richard D. Ward, Harry A. Noyes, Nataly A. Souza, Stephen J. Kemp, M. Dora Feliciangeli, Reginaldo Brazil, and Rhayza D. C. Maingon 734

Leptospirosis	651, 652
Melioidosis	657
Rickettsial diseases	662
Scrub typhus	667
Dracunculiasis	669
Malaria	676, 681, 686, 694, 698, 705
Babesiosis	710
Leishmaniasis	713, 720
Vector biology	726, 734, 744, 749
Filariasis	753, 759
Neurocysticercosis	766, 771
Intestinal helminths	777, 783
Diarrheal diseases	790
Dengue	796
West Nile virus	803
Viral hepatitis	808
HIV	815