

2010年

- 1 Inoue S., Alonzo M., Kurosawa Y., Reyes J. Dimaano E., Alera M., Saito M., Oishi K., Hasebe F., Matias R., Natividad F. and Morita K. Evaluation of a dengue IgG-indirect ELISA and a Japanese encephalitis IgG-indirect ELISA for diagnosis of secondary dengue
- 2 Okara RM, Sinka ME, Minakawa N, Mbogo CM, Hay SI and Snow RW. Distribution of the main malaria vectors in Kenya. *Malar J.* 2010 Mar 4; 9: 69.
- 3 Zhou G, Githeko AK, Minakawa N and Yan G. Community-wide benefits of targeted indoor residual spray for malaria control in the Western Kenya Highland. *Malar J.* 2010 Mar 3; 9: 67.
- 4 Cunliffe NA, Booth JA, Elliot C, Lowe SJ, Sopwith W, Kitchin N, Nakagomi O, Nakagomi T, Hart CA, Regan M. Healthcare-associated viral gastroenteritis among children in a large pediatric hospital, United Kingdom. *Emerg Infect Dis* 16: 55-62, 2010.
- 5 Nakamura T, Teshima M, Kitahara T, Sasaki H, Uematsu M, Kitaoka T, Nakashima M, Nishida K, Nakamura J, Higuchi S. Sensitive and real-time method for evaluating corneal barrier considering tear flow. *Biol Pharm Bull.* 2010 Jan; 33(1): 107-10.
- 6 Kusano M, Uematsu M, Kumagami T, Sasaki H, Kitaoka T. Evaluation of acute corneal barrier change induced by topically applied preservatives using corneal transepithelial electric resistance in vivo. *Cornea.* 2010 Jan; 29(1): 80-5.

2009年

- 1 Seki M, Kohno S, Newstead M, Zeng X, Bhan U, Lukacs N, Kunkel S, Standiford T. Critical role of IRAK-M in regulating chemokine-dependent deleterious inflammation in murine influenza pneumonia. *J Immunol.* 2010 Feb 1; 184(3): 1410-8. Epub 2009 Dec 30.
- 2 Nakazawa S, Marchand RP, Nguyen QT, Culleton R, Nguyen MD, Maeno Y. Anopheles dirus co-infection with human and monkey malaria parasites in Vietnam. *Int J Parasitol.* 2009 Dec; 39(14): 1533-7.
- 3 Kajiyama S, Tsurumoto T, Osaki M, Yanagihara K, Shindo H. Quantitative analysis of Staphylococcus epidermidis biofilm on the surface of biomaterial. *J Orthop Sci.* 2009 Nov; 14(6): 769-75. Epub 2009 Dec 8.
- 4 Sato K, Naito M, Yukitake H, Hirakawa H, Shoji M, McBride MJ, Rhodes RG, and Nakayama K. A protein secretion system linked to bacteroidete gliding motility and pathogenesis. *Proc Natl Acad Sci U S A.* 2010 Jan 5; 107(1): 276-81. Epub 2009 Dec 4.
- 5 Kurosaki T, Kitahara T, Kawakami S, Higuchi Y, Yamaguchi A, Nakagawa H, Kodama Y, Hamamoto T, Hashida M, Sasaki H. Gamma-polyglutamic acid-coated vectors for effective and safe gene therapy. *J Control Release.* 2010 Mar 19; 142(3): 404-10. Epub 2009 Nov 18.
- 6 Nhien NT, Huy NT, Naito M, Oida T, Uyen DT, Huang M, Kikuchi M, Harada S, Nakayama K, Hirayama K, Kamei K. Neutralization of Toxic Heme by Porphyromonas gingivalis Hemoglobin Receptor. *J Biochem.* 2010 Mar; 147(3): 317-25. Epub 2009 Oct 27.
- 7 Yu Z., Kabashima T., Tang C., Shibata T., Kitazato K., Kobayashi N., Lee MK and Kai M. Selective and facile assay of human immunodeficiency virus protease activity by a npel fluorogenic reaction. *Anal Biochem.* 2010 Feb 15; 397(2): 197-201. Epub 2009 Oct 21.
- 8 Kouichi Morita. Molecular epidemiology of Japanese encephalitis in East Asia. *Vaccine.* 2009 Nov 23; 27(50): 7131-2. Epub 2009 Sep 30.
- 9 Pham Thi Le Hoa, Nguyen Tien Huy, Le The Thu, Cao Ngoc Nga, Kazuhiko Nakao, Katsumi Eguchi, Nguyen Huu Chi, Bui Huu Hoang and Kenji Hirayama. Randomized controlled study investigating viral suppression and serological response following pre-S 1/pre-S 2/S vaccine therapy combined with lamivudine treatment in HBeAg-positive patients with chronic hepatitis B. *Antimicrob Agents Chemother.* 2009 Dec; 53(12): 5134-40. Epub 2009 Sep 21.
- 10 Morinaga Y, Yanagihara K, Miyashita N, Yamamoto K, Izumikawa K, Seki M, Kakeya H, Yamamoto Y, H. Mukae, Yamada Y, Kohno S, Kamihira S. Azithromycin, clarithromycin and telithromycin inhibit MUC 5 AC induction by Chlamydomonas pneumoniae in airway epithelial cells. *Pulm Pharmacol Ther.* 2009 Dec; 22(6): 580-6. Epub 2009 Aug 28.

- 11 Saijo T, Miyazaki T, Izumikawa K, Mihara T, Takazono T, Kosai K, Imamura Y, Seki M, Kakeya H, Yamamoto Y, Yanagihara K, Kohno S. Skin 7 p Is Involved in Oxidative Stress Response and Virulence of *Candida glabrata*. *Mycopathologia*. 2010 Feb; 169(2): 81-90. Epub 2009 Aug 20.
- 12 Onozuka D, Hashizume M, Hagihara A. Effects of weather variability on infectious gastroenteritis. *Epidemiol. Infect.* 2010 Feb; 138(2): 236-43. Epub 2009 Aug 14.
- 13 Dong Tu Nguyen, Tuan Cuong Ngo, Huy Hoang Tran, Thi Phuong Lan Nguyen, Binh Minh Nguyen, Kouichi Morita and Masahiko Ehara. Two different mechanisms of ampicillin resistance operating in strains of *Vibrio cholerae* O1 independent of resistance genes. *FEMS Microbiology Letters*. 2009 Sep; 298(1): 37-43. Epub 2009 Jun 22.
- 14 Nakamura S, Yanagihara K, Izumikawa K, Seki M, Kakeya H, Yamamoto Y, Senjyu H, Saito A, Kohno S. The Clinical Efficacy of Fluoroquinolone and Macrolide Combination therapy compared with single agent therapy against community-acquired pneumonia caused by *Legionella pneumophila*. *J Infect.* 2009 Sep; 59(3): 222-4. Epub 2009 Jun 21.
- 15 Takazono T, Izumikawa K, Mihara T, Kosai K, Saijo T, Imamura Y, Miyazaki T, Seki M, Kakeya H, Yamamoto Y, Yanagihara K, Kohno S. Efficacy of combination antifungal therapy with intraperitoneally administered micafungin and aerosolized liposomal amphotericin B against murine invasive pulmonary aspergillosis. *Antimicrob Agents Chemother.* 2009 Aug; 53(8): 3508-10. Epub 2009 Jun 15.
- 16 Huan Zhang, Takayuki Shibata, Tomasz Krawczyk, Tsutomu Kabashima, Jianzhong Lu, Myung K. Leec, and Masaaki Kai. Facile detection of proteins on a solid-phase membrane by direct binding of dextran-based luminol-biotin chemiluminescent polymer. *Talanta*. 2009 Aug 15; 79(3): 700-5. Epub 2009 May 3.
- 17 Kurosaki T, Kitahara T, Kawakami S, Nishida K, Nakamura J, Teshima M, Nakagawa H, Kodama Y, To H, Sasaki H. The development of a gene vector electrostatically assembled with a polysaccharide capsule. *Biomaterials*. 2009 Sep; 30(26): 4427-34. Epub 2009 May 26.
- 18 Yamamoto K, Yanagihara K, Sugahara K, Imamura Y, Seki M, Izumikawa K, Kakeya H, Yamamoto Y, Hirakata Y, Kamihira S, Kohno S. In vitro activity of garenoxacin against *Streptococcus pneumoniae* mutants with characterized resistance mechanisms. *Antimicrob Agents Chemother.* 2009 Aug; 53(8): 3572-5. Epub 2009 May 18.
- 19 Yamashita M, Takahashi K, Sato M, Otsu K, Hirayama T, Katagata Y.: Comparison of keratin expression in cultured human adenocarcinoma cell lines. *J Dermatol Sci.* 2009 Jul; 55(1): 59-61. Epub 2009 Apr 18.
- 20 Pattaradilokrat S, Culleton RL, Cheesman SJ, Carter R. Gene encoding Erythrocyte Binding Ligand linked to blood stage multiplication rate phenotype in *Plasmodium yoelii yoelii*. *Proc Natl Acad Sci U S A.* 2009 Apr 28; 106(17): 7161-6. Epub 2009 Apr 9.
- 21 Xiluan Yan, Zhijuan Cao, Masaaki Kai, Jianzhong Lu. Label-free aptamer-based chemiluminescence detection of adenosine. *Talanta*. 2009 Jul 15; 79(2): 383-7. Epub 2009 Apr 5.
- 22 Takeshi Nabeshima, Hyunh Thi Kim Loan, Shingo Inoue, Makoto Sumiyoshi, Yasuhiro Haruta, Phan Thi Nga, Vu Thi Que Huong, Maria del Carmen Parquet, Futoshi Hasebe, and Kouichi Morita. Evidence of frequent introductions of Japanese encephalitis virus from south-east Asia and continental east Asia to Japan. *J Gen Virol.* 2009 Apr; 90(Pt 4): 827-32. Epub 2009 Mar 4.
- 23 Otsuki H, Kaneko O, Thongkukiatkul A, Tachibana M, Iriko H, Takeo S, Tsuboi T, Torii M. Single amino acid substitution in *Plasmodium yoelii* erythrocyte ligand determines its localization and controls parasite virulence. *Proc Natl Acad Sci U S A.* 2009 Apr 28; 106(17): 7167-72. Epub 2009 Apr 3.
- 24 Iriko H, Jin L, Kaneko O, Takeo S, Han T-T, Tachibana M, Otsuki H, Torii M, Tsuboi T. A small-scale systematic analysis of alternative splicing in *Plasmodium falciparum*. *Parasitol Int.* 2009 Jun; 58(2): 196-9. Epub 2009 Mar 5.
- 25 Izumikawa K, Akamatsu S, Kageyama A, Okada K, Kazuyama Y, Takayanagi N, Nakamura S, Inoue Y, Higashiyama Y, Fukushima K, Ishida T, Sawai T, Yoshimura K, Nakahama C, Ohmichi M, Kakugawa T, Nishioka Y, Aoki N, Seki M, Kakeya H, Yamamoto Y, Yanagihara K, Kohno S. Evaluation of a rapid immunochromatographic ODK 0501 assay for detecting *Streptococcus pneumoniae* antigen in sputum samples from patients with lower respiratory tract infection. *Clin Vaccine Immunol.* 2009 May; 16(5): 672-8. Epub 2009 Mar 4.
- 26 Nakamura S, Yanagihara K, Morinaga Y, Izumikawa K, Seki M, Kakeya H, Yamamoto Y, Kamihira S, Kohno S. Multiplex real-time PCR for rapid detection of beta-lactamase-negative, ampicillin-resistant *Haemophilus influenzae*. *Diagn Microbiol Infect Dis.* 2009 May; 64(1): 64-9. Epub 2009 Feb 20.
- 27 Kurosaki T, Kishikawa R, Matsumoto M, Kodama Y, Hamamoto T, To H, Niidome T, Takayama K, Kitahara T,

- Sasaki H. Pulmonary gene delivery of hybrid vector, lipopolyplex containing N-lauroylsarcosine, via the systemic route. *J Control Release*. 2009 Jun 19; 136(3): 213-9. Epub 2009 Feb 20.
- 28 Kurosaki T, Kitahara T, Fumoto S, Nishida K, Nakamura J, Niidome T, Kodama Y, Nakagawa H, To H, Sasaki H. Ternary complexes of pDNA, polyethylenimine, and γ -polyglutamic acid for gene delivery systems. *Biomaterials*. 2009 May; 30(14): 2846-53. Epub 2009 Feb 20.
 - 29 Tippawangkosol P, Duangchanda T, Ubalee R, Ruengweerayut R, Hirayama K, Na-Bangchang K. Identification of HLA-A 24 restricted pre-erythrocytic stage specific T-cell epitopes using *Plasmodium falciparum* synthetic peptides: a preliminary study. *Southeast Asian J Trop Med Public Health*.40(1): 10-7. Jan 2009.
 - 30 N Tsuchiya, P Pathipvanich, T Yasuda, Y Mukoyama, A Rojanawiwat, T Matsubayashi, S Saeng-aroon, W Auwanit, A Matsuyama, P Sawanpanyalert, K Ariyoshi. Demographic, socio-economic, behavioral and clinical factors predicting virologic failure with generic fixed-dose combination antiretroviral therapy before universal health insurance coverage in northern Thailand. *Southeast Asian J Trop Med Public Health*. 40(1): 71-82. Jan 2009.
 - 31 Hashizume M, Wagatsuma Y, Hayashi T, Saha SK, Streatfield K, Yunus M. The effect of temperature on mortality in rural Bangladesh: a population based time-series study. *Int J of Epidemiol*. 2009 Dec; 38(6): 1689-97. Epub 2009 Jan 30.
 - 32 Takeshima E, Tomimori K, Teruya H, Ishikawa C, Senba M, D'Ambrosio D, Kinjo F, Mimuro H, Sasakawa C, Hirayama T, Fujita J, Mori N.: *Helicobacter pylori*-Induced Interleukin-12 p 40 Expression. *Infect. Immun*. 2009 Apr; 77(4): 1337-48. Epub 2009 Jan 29.
 - 33 Hashizume M, Terao T and Minakawa N*. 2009. The Indian Ocean Dipole and malaria risk in the highlands of western Kenya. *Proc Natl Acad Sci U S A*. 2009 Feb 10; 106(6): 1857-62. Epub 2009 Jan 27.
 - 34 Nakamura S, Yanagihara K, Morinaga Y, Izumikawa K, Seki M, Kakeya H, Yamamoto Y, Kamihira S, Kohno S. Comparative mutant prevention concentration and mutant selection window of sitafloxacin versus other quinolones using strains of *H. influenzae* with decreasing susceptibility to levofloxacin. *Int J Antimicrob Agents*. 2009 May; 33(5): 489-90. Epub 2009 Jan 15.
 - 35 Seki M, Higashiyama Y, Imamura Y, Nakamura S, Kurihara S, Izumikawa K, Kakeya H, Yamamoto Y, Yanagihara K, Tashiro T, Kohno S. A clinical comparative study of piperacillin and sulbactam/ampicillin in patients with community-acquired bacterial pneumonia. *Intern Med*. 2009; 48(1): 49-55. Epub 2009 Jan 1.
 - 36 Gurgel R, Bohland A, Vieira S, Oliveira D, Fontes P, Barros V, Ramos M, Dove W, Nakagomi T, Nakagomi O, Correia J, Cunliffe N, Cuevas L. Incidence of rotavirus and all-cause diarrhea in Northeast Brazil following the Introduction of a national vaccination program. *Gastroenterology*.137: 1970-1975, 2009
 - 37 Pandey BD, Pandey K, Kaneko O, Yanagi T, Hirayama K. Relapse of Visceral Leishmaniasis Following Miltefosine Treatment in a Nepalese Patient. *Am J Trop Med Hyg*. 2009.
 - 38 Lee, C.-G., Kang, K.-H., So, J.-S., Kwon, H.-K., Son, J.-S., Song, M.-K., Sahoo, A., Yi, H.-J., Hwang, K.-C., Matsuyama, T., Yui, K., Im, S.-H., A distal cis-regulatory element, CNS-9, controls NFAT 1 and IRF 4-mediated IL-10 gene activation in T helper cells. *Mol. Immunol.*, 46; 613-621. 2009.
 - 39 Le Roux CA, Kubo T, Grobbelaar AA, van Vuren PJ, Weyer J, Nel LH, Swanepoel R, Morita K, Paweska JT. Development and evaluation of a real-time reverse transcription-loop-mediated isothermal amplification assay for rapid detection of Rift Valley fever virus in clinical specimens. *J Clin Microbiol*. Mar; 47(3): 645-51. 2009.
 - 40 Tomioka, Y, Morimatsu, M, Amagai, K, Kuramochi, M, Watanabe, Y, Kouda, S, Wada, T, Kuboki, N and Ono. E Fusion protein consisting of the first immunoglobulin-like domain of porcine nectin-1 and Fc portion of human IgG 1 provides a marked resistance against pseudorabies virus infection to transgenic mice. *Microbiology and Immunology* 538-15. 2009
 - 41 Hashizume M, Terao T and Minakawa N*. The Indian Ocean Dipole and malaria risk in the highlands of western Kenya. *Proceedings of the National Academy of Sciences*.106: 1857-1862. 2009.
 - 42 Onozuka D, Yoshimura T, Kaneko S, Furue M. Mortality after exposure to polychlorinated biphenyls and polychlorinated dibenzofurans: a 40-year follow-up study of Yusho patients. *Am J Epidemiol*. 169(1): 86-95. 2009.
 - 43 K Eguchoi, H Fujii, M Otani, K Oshima, T Matsuo and T Yamamoto. Human T-Lymphotropic Virus Type 1 (HTLV-Genetic Typing in Kakeroma Island, an Island at the Crossroads of the Ryukyuan and Wajin in Japan, Providing Further Insights into the Origin of the Virus in Japan. *J Med Virol.*; 81(8): 1450-6. Aug 2009.
 - 44 Guoxi CAI, Jun KANG, Ling SHEN, Xiangdong MIN, Zhunyou WU, Keming ROU, Taro YAMAMOTO, Kazuhiko MOJI. Assessment of a questionnaire used for an AIDS-related KABP survey among physicians in

China. Information SCIE. 2009.

- 45 Hashizume M, Terao T, Minakawa N. Indian Ocean Dipole and malaria risk in the highlands of western Kenya. *Proc Natl Acad Sci U S A*.106: 1857-62. 2009.
- 46 Hashizume M, Wagatsuma Y, Hayashi T, Saha SK, Streatfield K, Yunus M. The effect of temperature on mortality in rural Bangladesh: a population based time-series study. *Int J Epidemiol*. 38(6): 1689-97. Epub Jan 30. 2009.
- 47 Tomoko Abe, Sumihisa Honda, Shusuke Nakazawa, Trinh Dinh Tuong, Nguyen Quang Thieu, Le Xuan Hung, Le Khanh Thuan, Kazuhiko Moji, Masahiro Takagi and Taro Yamamoto. Risk Factors for Malaria Infection among Ethnic Minorities in Binh Phuoc, Vietnam. *Southeast Asian Journal of Tropical Medicine and Public Health* 40: 18-29. 2009.
- 48 Abe M, Muhoho ND, Sunahara T, Moji K, Yamamoto T, Aoki Y. Effect of communal piped water supply on water use pattern and the transmission of schistosomiasis haematobia in an endemic area of Kenya. *Tropical Medicine and Health*. 37(2): 43-53. 2009.
- 49 Rojanawiwat A, Ariyoshi K, Pathipvanich P, Tsuchiya N, Auwanit W, Sawanpanyaert P. Substantially Exposed but HIV-Negative Individuals Are Accumulated in HIV-Serology-Discordant Couples Diagnosed in a Referral Hospital in Thailand. *Jpn J Infect Dis*. 62(1): 32-6. Jan 2009.
- 50 Helegbe GK, Nguyen TH, Yanagi T, Shuaibu MN, Yamazaki A, Kikuchi M, Yasunami M, Hirayama K. Rate of red blood cell destruction varies in different strains of mice infected with *Plasmodium berghei*-ANKA after chronic exposure. *Malaria Journal*. 8: 91 doi: 10. 1186/1475-2875-8-9. 2009.
- 51 Ekhlas H A-H, Kikuchi M, Watanabe K, Ito T, Yu C, Chen H, Nara T, Arakawa T, Aoki Y, Hirayama K. Proteome approach for identification of schistosomiasis japonica vaccine candidate antigen. *Parasitology International* 58: 36-44. 2009.
- 52 Seki M, Kosai K, Hara A, Imamura Y, Nakamura S, Kurihara S, Izumikawa K, Kakeya H, Yamamoto Y, Yanagihara K, Miyazaki Y, Mukae H, Tashiro T, and Kohno S. Expression and analysis of Platelet activating factor (PAF) related molecule in severe pneumonia in mice due to influenza virus and bacterial co-infection using by DNA microarray. *Jpn J Infect Dis*. 62: 6-10. 2009.
- 53 Sato K, Kido N, Murakami Y, Hoover CI, Nakayama K, and Yoshimura F. Lipopolysaccharide biosynthesis-related genes are required for colonial pigmentation of *Porphyromonas gingivalis*. *Microbiology-SGM*. 2009.
- 54 Kikuchi Y, Ohara N, Ueda O, Hirai K, Shibata Y, Nakayama K, and Fujimura S. *Porphyromonas gingivalis* mutant defective in a putative ECF sigma factor shows a mutator phenotype. *Oral Microbiol. Immunol*. 2009.

2008年

- 1 Mita T, Tanabe K, Takahashi N, Culleton RL, Ndounga M, Dzodzomenyo M, Akhwale WS, Kaneko A, Kobayakawa T. Indigenous evolution of *Plasmodium falciparum* pyrimethamine resistance multiple times in Africa. *J Antimicrob Chemother* 63(2): 2009 Feb; 63(2): 252-5. Epub 2008 Nov 25.
- 2 Yoshida A, Isomoto H, Hisatsune J, Nakayama M, Nakashima Y, Matsushima K, Mizuta Y, Hayashi T, Yamaoka Y, Azuma T, Moss J, Hirayama T, Kohno S.: Enhanced expression of CCL 20 in human *Helicobacter pylori*-associated gastritis. *Clin Immunol*. 2009 Mar; 130(3): 290-7. Epub 2008 Nov 8.
- 3 Nakayama M, Hisatsune J, Yamasaki E, Isomoto H, Kurazono H, Hatakeyama M, Azuma T, Yamaoka Y, Yahiro K, Moss J, Hirayama T.: *Helicobacter pylori* VacA-induced inhibition of GSK 3 through the PI 3 K/Akt signaling pathway. *J Biol Chem*. 2009 Jan 16; 284(3): 1612-9. Epub 2008 Nov 7.
- 4 Ishimoto H, Mukae H, Sakamoto N, Amenomori M, Kitazaki T, Imamura Y, Fujita H, Ishii H, Nakayama S, Yanagihara K, and Kohno S. Different effects of telithromycin on MUC 5 AC production induced by human neutrophil peptide-1 or lipopolysaccharide in NCI-H 292 cells compared with azithromycin and clarithromycin. *J Antimicrob Chemother*. 2009 Jan; 63(1): 109-14. Epub 2008 Oct 18.
- 5 Nakamura S, Izumikawa K, Seki M, Kakeya H, Yamamoto Y, Yanagihara K, Miyazaki Y, Kohno S. Pulmonary cryptococcosis in late pregnancy and review of published literature. *Mycopathologia*. 2009 Mar; 167(3):125-31 . Epub 2008 Oct 18.
- 6 Smanmoo C, Yamasuji M, Sagawa T, Shibata T, Kabashima T, Yuan DQ, Fujita K, Kai M. Diimine ligand as a novel chemiluminescence enhancer of luminol-containing compounds. *Talanta*. 2009 Mar 15; 77(5): 1761-6. Epub 2008 Oct 17.
- 7 Cao J, Kaneko O, Thongkukiatkul A, Tachibana M, Otsuki H, Gao Q, Tsuboi T, Torii M. Rhopty neck protein

- RON 2 forms a complex with microneme protein AMA 1 in *Plasmodium falciparum* merozoites. *Parasitol Int.* 2009 Mar; 58(1): 29-35. Epub 2008 Oct 7.
- 8 Mouillet-Richard S, Nishida N, Pradines E, Laude H, Schneider B, Féraudet C, Grassi J, Launay JM, Lehmann S, Kellermann O. Prions impair bioaminergic functions through serotonin-or catecholamine-derived neurotoxins in neuronal cells. *J Biol Chem.* 283(35): 23782-90. Aug 29 2008.
 - 9 Naghipour M, Nakagomi T, Nakagomi O: Issues with reducing the rotavirus-associated mortality by vaccination in developing countries. *Vaccine* 26: 3236-3241. 2008.
 - 10 Gurgel RQ, Cunliffe NA, Nakagomi O, Cuevas LE: Rotavirus genotypes circulating in Brazil before national rotavirus vaccination: A review. *J Clin Virol* 43: 1-8. 2008.
 - 11 Nakagomi T, Cuevas LE, Gurgel RG, Elrokhsi SH, Belkhir YA, Abugalia M, Dove W, Montenegro FM, Correia JB, Nakagomi O, Cunliffe NA, Hart CA: Apparent extinction of non-G 2 rotavirus strains from circulation in Recife, Brazil, after the introduction of rotavirus vaccine. *Arch Virol* 153: 591-593. 2008.
 - 12 Kheyami AM, Nakagomi T, Nakagomi O, Dove W, Hart CA, Cunliffe NA: Molecular epidemiology of rotavirus diarrhea among children in Saudi Arabia: first detection of G 9 and G 12 Strains. *J Clin Microbiol* 46: 1185-1191. 2008.
 - 13 Nakagomi T, Correia JB, Nakagomi O, Montenegro FM, Cuevas LE, Cunliffe NA, Hart CA. Norovirus infection among children with acute gastroenteritis in Recife, Brazil: disease severity is comparable to rotavirus gastroenteritis. *Arch Virol* 153: 957-960, 2008.
 - 14 Bozdayi G, Dogan B, Dalgic B, Bostanci I, Sari S, Battaloglu NO, Rota S, Dallar Y, Nishizono A, Nakagomi O, Ahmed K. Diversity of human rotavirus G 9 among children in Turkey. *J Med Virol* 80: 733-740, 2008.
 - 15 Al-Mashhadani MN, Nakagomi O, Dove W, Ahmed H, Nakagomi T, Hart CA, Cunliffe NA. Norovirus gastroenteritis among children in Iraqi Kurdistan. *J Med Virol* 80: 506-509, 2008.
 - 16 Tsuboi T, Takeo S, Iriko H, Jin L, Tsuchimochi M, Matsuda S, Han E-T, Otsuki H, Kaneko O, Sattabongkot J, Udomsangpetch R, Sawasaki T, Torii M, Endo Y: The wheat germ cell-free system-based production of malaria proteins for discovery of novel vaccine candidates. *Infect Immun* 76(4): 1702-1708, 2008
 - 17 Pandey K, Pant S, Kanbara H, Shuaibu MN, Mallik AK, Pandey BD, Kaneko O, Yanagi T: Molecular detection of *Leishmania* parasites from whole bodies of sandflies collected in Nepal. *Parasitol Res* 103(2): 293-297, 2008
 - 18 Mphande FA, Ribacke U, Kaneko O, Kironde F, Winter G, Wahlgren M: SURFIN 4. 1, a schizont-merozoite associated protein in the SURFIN family of *Plasmodium falciparum*. *Malaria J* 7: 116, 2008
 - 19 Udomsangpetch R, Kaneko O, Chotivanich K, Sattabongkot J: Cultivation of *Plasmodium vivax*. *Trends Parasitol*, 24(2): 85-88. 2008.
 - 20 Katagata Y, Hirayama T.: Unexpected expression of Hsp 47, Q 1 a replacement of one amino acid (Val 7 Leu) in the amino terminal region, in cultured human tumorigenic cell lines. *J Dermatol. Sci.* 49: 33-38. 2008.
 - 21 Hisatsune J, Nakayama M, Isomoto H, Kurazono H, Mukaida N, Mukhopadhyay AK, Azuma T, Yamaoka Y, Sap J, Yamasaki E, Yahiro K, Moss J, Hirayama T. Molecular characterization of *Helicobacter pylori* VacA-induction of IL-8 in U 937 cells reveals a prominent role for p 38 MAP kinase in ATF-2, CREB and NF- κ B activation. *J. Immunol.* 180: 5017-5027. 2008.
 - 22 Mashima H, Suzuki J, Hirayama T, Yoshikumi Y, Ohno H, Ohnishi H, Yasuda H, Fujita T, Omata M. Involvement of VAMP 7 in human gastric epithelial cell vacuolation induced by *Helicobacter pylori*-produced VacA. *Infect. Immun* 76: 2296-2303. 2008.
 - 23 Atarashi R, Wilham JM, Christensen L, Hughson AG, Moore RA, Johnson LM, Onwubiko HA, Priola SA, Caughey B: Simplified ultrasensitive prion detection by recombinant PrP conversion with shaking. *Nature Methods.* 5(3): 211-212. 2008.
 - 24 Yoshikawa D, Yamaguchi N, Ishibashi D, Yamanaka H, Okimura N, Yamaguchi Y, Mori T, Miyata H, Shigemats K, Katamine S, Sakaguchi S: Dominant-negative effects of the N-terminal half of prion protein on neurotoxicity of prion protein-like protein/Doppel in mice. *J Biol Chem* 283(35): 24202-24211. 2008.
 - 25 Takakura Y, Yamaguchi N, Nakagaki T, Satoh K, Kira J, Nishida N: Bone marrow stroma cells are susceptible to prion infection. *Biochem Biophys Res Commun* 377(3): 957-961. 2008.
 - 26 Hojo M, Sudo Y, Ando Y, Minami K, Takada M, Matsubara T, Kanaide M, Taniyama K, Sumikawa K, Uezono Y: μ -Opioid receptor forms a functional heterodimer with cannabinoid CB 1 receptor Electrophysiological and FRET assay analysis. *J Pharmacol Sci* 108(3): 308-319. 2008.
 - 27 Maruta T, Yanagita T, Matsuo K, Uezono Y, Satoh S, Yoshikawa N, Nemoto T, Kobayashi H, Takasaki M, Wada A: Lysophosphatidic acid-LPA 1 receptor-Rho-Rho kinase-induced up-regulation of NaV 1.7 sodium

- channel mRNA and protein in adrenal chromaffin cells: enhancement of 22 Na^+ influx, 45 Ca^{2+} influx and catecholamine secretion. *J Neurochem* 105(2): 401-412. 2008.
- 28 Susumu, S., Nagata, Y., Ito, S., Matsuo, M., Valmori, D., Yui, K., Uono, H., Kanematsu, T. Cross-presentation of NY-ESO-1 cytotoxic T lymphocyte epitope fused to human heat shock cognate protein 70 by dendritic cells. *Cancer Science*. 99(1): 107-112. 2008.
 - 29 Mizukami, S., Kajiwara, C., Ishikawa, H., Katayama, I., Yui, K., Uono, H. Both CD 4+ and CD 8+ T cell epitopes fused to heat shock cognate protein 70 (hsc 70) can function to eradicate tumors. *Cancer Science*. 99(5): 1008-1015. 2008.
 - 30 Miyakoda, M., Kimura, D., Yuda, M., Chinzei, Y., Shibata, Y., Honma, K., Yui, K. Malaria-specific and non-specific activation of CD 8+ T-cells during infection with *Plasmodium berghei*. *J. Immunol.*, 181(2): 1420-1428. 2008.
 - 31 Yamano, T., Sugahara, H., Mizukami, S., Murata, S., Chiba, T., Tanaka, K., Yui, K., Uono, H. Allele-selective effect of PA 28 in MHC class I antigen processing, *J. Immunol.*, 181: 1655-1664. 2008.
 - 32 Honma, K., Kimura, D., Tominaga, N., Miyakoda, M., Matsuyama, T., Yui, K. Interferon regulatory factor-4 differentially regulates the production of Th 2 cytokine in naive vs. effector/memory CD 4+ T-cells, *Proc. Natl. Acad. Sci. USA*, 105: 15890-15895. 2008.
 - 33 Tetsutani, K., Ishiwata, K., Torii, M., Hamano, S., Hisaeda, H., Himeno, K.: Concurrent Infection with *Heligmosomoides polygyrus* Modulates Murine Host Response against *Plasmodium berghei* ANKA Infection. *Am J Trop Med Hyg*. 79: 819-822. 2008.
 - 34 Sugiyama, N., Nakashima, H., Yoshimura, T., Sadanaga, A., Shimizu, S., Masutani, K., Igawa, T., Akahoshi, M., Miyake, K., Takeda, A., Yoshimura, A., Hamano, S., Yoshida, H.: Amelioration of human lupus-like phenotypes in MRL/lpr mice by overexpression of interleukin 27 receptor {alpha} (WSX-1). *Ann. Rheum. Dis*. 67: 1461-1467. 2008.
 - 35 Hamano, S., Becker, S., Asgharpour, A., Ocasio, Y.P.R., Stroup, S.E., McDuffie, M., Houpt, E.: Gender and genetic control of resistance to intestinal amebiasis in inbred mice. *Genes Immun*. 9: 452-61. 2008.
 - 36 Furuno, K., Ikeda, K., Hamano, S., Fukuyama, K., Sonoda, M., Hara, T., Sasazuki, T., Yamamoto, K.: Onecut transcription factor OC 2 is a direct target of T-bet in type-1 T-helper cells. *Genes Immun*. 9: 302-308. 2008.
 - 37 Hisaeda, H., Tetsutani, K., Imai, T., Moriya, C., Tu, L., Hamano, S., Duan, X., Chou, B., Ishida, H., Aramaki, A., Shen, J., Ishii, K.J., Coban, C., Akira, S., Takeda, K., Yasutomo, K., Torii, M., Himeno, K.: Malaria Parasites Require TLR 9 Signaling for Immune Evasion by Activating Regulatory T Cells. *J. Immunol*. 180: 2496-2503. 2008.
 - 38 Hamano, S. and William A. Petri Jr.: Amoebiasis in " International Encyclopedia of Public Health" Academic Press, San Diego, Vol.5. 335-341. 2008.
 - 39 Basu Dev Pandey, Kouichi Morita, Santa Raj Khanal, Tomohiko Takasaki, Isao Miyazaki, Tetsuro Ogawa, Shingo Inoue, Ichiro Kurane. Dengue virus, Nepal. *Emerging Infectious Diseases* Vol.14(3), 514-515. 2008
 - 40 Manmohan Parida, Santhosh Sannarangiah, Paban Kumar Dash, P. V. L. Rao and Kouichi Morita: Loop mediated isothermal amplification (LAMP): a new generation of innovative gene amplification technique; perspectives in clinical diagnosis of infectious diseases. *Reviews in Medical Virology* Vol.18: 407-422. 2008
 - 41 Kazuya Hidari, Naonori Takahashi, Masataka Arihara, Masato Nagaoka, Kouichi Morita, Takashi Suzuki.: Structure and anti-dengue virus activity of sulfated polysaccharide from a marine alga, *Biochemical and Biophysical Research Communications* Vol.376, 91-95. 2008
 - 42 Nguyen Thi Phuong Lan, Mihoko Kikuchi, Vu Thi Que Huong, Do Quang Ha, Tran Thi Thuy, Vo Dinh Tham, Ha Manh Tuan, Vo Van Tuong, Cao Thi Phi Nga, Tran Van Dat, Toshifumi Oyama, Kouichi Morita, Michio Yasunami, Kenji Hirayama. Protective and Enhancing HLA Alleles, HLA-DRB 1*0901 and HLA-A*24, for Severe Forms of Dengue Virus Infection, Dengue Hemorrhagic Fever and Dengue Shock Syndrome. *PLoS Neglected Tropical Diseases*. Vol.2. e 304. 2008
 - 43 Liu J, Liu B, Cao Z, Inoue S, Morita K, Tian K, Zhu Q, Gao GF. Characterization and application of monoclonal antibodies specific to West Nile virus envelope protein. *J Virol Methods*. Vol.154(1-2): 20-6. 2008
 - 44 Takeshi Nabeshima, Phan Thi Nga, Posadas Guillermo, Maria del Carmen Parquet, Fuxun Yu, Nguyen Thanh Thuy, Bui Minh Trang, Nguyen Tran Hien, Vu Sinh Nam, Shingo Inoue, Futoshi Hasebe, and Kouichi Morita. Isolation and Molecular Characterization of Banna Virus from Mosquitoes, Vietnam. *Emerging Infectious Diseases* Vol.14(8), 1276-1279. 2008.
 - 45 Yasui F, Kai C, Kitabatake M, Inoue S, Yoneda M, Yokochi S, Kase R, Sekiguchi S, Morita K, Hishima T,

- Suzuki H, Karamatsu K, Yasutomi Y, Shida H, Kidokoro M, Mizuno K, Matsushima K, Kohara M. Prior immunization with severe acute respiratory syndrome (SARS)-associated coronavirus (SARS-CoV) nucleocapsid protein causes severe pneumonia in mice infected with SARS-CoV. *J Immunol*. Vol.181(9): 6337-48. 2008.
- 46 Shibuya T, Yamashiro T, Masaike Y, Ohuchi M, Uechi G, Nishizono A. Identification of a human monoclonal Fab with neutralizing activity against H 3 N 2 influenza A strain from a newly constructed human Fab library. *Microbiol Immunol*. 52: 162-70.2008.
- 47 Tomioka Y, Miyazaki T, Taharaguchi S, Yoshino S, Morimatsu M, Uede T, Ono E and Watanabe M. Cerebellar pathology in transgenic mice expressing the pseudorabies virus immediate-early protein IE 180. *European Journal of Neuroscience* 27(8), 2115-2132. 2008.
- 48 Yoshida K, Tomioka Y, Kase S, Morimatsu M, Shinya K, Ohno S, Amagai K, Watanabe Y, Kuramochi M, Kouda S and Ono. E Microphthalmia and lack of vitreous body in transgenic mice expressing the first immunoglobulin-like domain of nectin-1. *Graefes Archive for Clinical and Experimental Ophthalmology* 246, 543-549. 2008.
- 49 Minakawa N, Sonye G, Dida GO, Futami K, Kaneko S. Recent reduction in the water level of Lake Victoria has created more habitats for *Anopheles funestus*. *Malar J* 2008; 7(1): 119.
- 50 Minakawa N, Dida GO, Sonye GO, Futami K, Kaneko S. Unforeseen misuses of bed nets in fishing villages along Lake Victoria. *Malar J*. 7: 165. 2008.
- 51 Hashizume M, Wagatsuma Y, Faruque ASG, Hayashi T, Paul R. Hunter, Armstrong B, Sack DA. Factors determining vulnerability to diarrhoea during and after severe floods in Bangladesh. *Journal of Water and Health*. 6: 323-32. 2008.
- 52 Hashizume M, Armstrong B, Hajat S, Wagatsuma Y, Faruque ASG, Hayashi T, Sack DA. The effect of rainfall on the incidence of cholera in Bangladesh. *Epidemiology*. 19: 103-10. 2008.
- 53 Eguchi K. A revision of Northern Vietnamese species of the ant genus *Pheidole* (Insecta: Hymenoptera: Formicidae: Myrmicinae). *Zootaxa* 1902: 1-118. 2008.
- 54 Katsuyuki EGUCHI, Tuan Viet BUI & Seiki YAMANEA .Vietnamese species of the genus *Acanthomyrmex* EMERY,1893-A. *humilis* sp.n. and *A. glabfemorialis* ZHOU & ZHENG, 1997(Hymenoptera:Formicidae: Myrmicinae). *Myrmecological News* 11: 231-241. 2008.
- 55 Nguyen TPL, Kikuchi M, Vu TQH, Vu TTN, Hoang ND, Do QH, Tran TT, Vo T, Cao N, Tran D, Oyama T, Morita K, Yasunami M, Hirayama K. Protective and Enhancing HLA-alleles, HLA-DRB 1*0901 and HLA-A*24, for Severe Forms of Dengue Fever, Dengue Hemorrhagic Fever and Dengue Shock Syndrome. *PLoS Negl Trop Dis*. 2(10): e 304. 2008.
- 56 Uyen DT, Huy NT, Trang DT, Nhien NT, Oida T, Hirayama K, Harada S, Kamei K.Effects of amino acids on malarial heme crystallization. *Biol Pharm Bull*. (8): 1483-8. Aug; 31 2008.
- 57 Shuaibu MN, Wuyep PT, Yanagi T, Hirayama K, Ichinose A, Tanaka T, Kouno I. Trypanocidal activity of extracts and compounds from the stem bark of *Anogeissus leiocarpus* and *Terminalia avicennoides*. *Parasitol Res*. 102(4): 697-703. 2008.
- 58 Moses N. Wainaina, Takayuki Shibata, Chaivat. Smanmoo, Tsutomu Kabashima, Masaaki Kai: Fluorescence detection of amino acids in the postcleavage conversions for manual sequencing of a peptide. *Anal. Biochem*, 374(2): 423-425. 2008.
- 59 Tsutomu Kabashima, Zhiqiang Yu, Chenhong Tang, Yoshiki Nakagawa, Kyosuke Okumura, Takayuki Shibata, Jianzhong Lu, Masaaki Kai: A selective fluorescence reaction for peptides and chromatographic analysis. *Peptides*, 29(3): 356-363. 2008.
- 60 Keiko Tonooka, Tsutomu Kabashima, Takayuki Shibata, Chenhong Tang, Zhiqiang Yu, Masaaki Kai: Facile Assay of Telomerase Activity Utilizing a DNA-detectable Chemiluminogenic Reagent. *Anal. Sci*,24(4): 471-475. 2008.
- 61 Chun Mei Jin, Yoo Jung Yang, Hai Shan Huang, Sung Cil Lim, Masaaki Kai and Myung Koo Lee: Induction of dopamine biosynthesis by L-DOPA in PC 12 cells: Implications of L-DOPA influx and cyclic AMP. *Eur. J. Pharmacol*, 591: 88-95. 2008.
- 62 K. Adachi, T. Ichinose, K. Watanabe, K. Kitazato, N. Kobayashi Potential for the replication of the betanodavirus redspotted grouper nervous necrosis virus in human cell lines *Arch. Virol* 153. 15-24. 2008.
- 63 K. Watanabe., S. Noda and N. Kobayashi Establishment of a new cell line for performing sensitive screening of nuclear export inhibitors. *Drug Discover Ther* 2. 7-9. 2008.
- 64 N. Takizawa, K. Adachi and N. Kobayashi Establishment of reverse genetics system of betanodavirus for the

- efficient recovery of infectious particles *J. Virol. Meth* 151: 271-276. 2008.
- 65 R. Z., Zhang M. Ying, K. Kitazato, N. Kobayashi, Zhu Qin-Chang, Zhang Pei-Zhuo, Yang Zhi-Rong and Wang Yi-Fei. Effect of siRNA on HSV-1 plaque formation and relative expression levels of UL 39 mRNA. *Arch. Virol.* 153:1401-1406. 2008.
- 66 K. Watanabe, N. Takizawa, S. Noda, F. Tsukahara, Y. Maru and N. Kobayashi. Hsc 70 regulates the nuclear export but not the import of influenza viral RNP: A possible target for the development of anti-influenza virus drugs. *Drug Discover Ther* 2: 77-84. 2008.
- 67 N. Takizawa, K. Adachi, T. Ichinose and N. Kobayashi. Efficient propagation of betanodavirus in a murine astrocytoma cell line. *Virus Res.* 136, 206-210. 2008.
- 68 A. Ishikawa, N. Kobayashi and Y. Kitamura. Ascorbic Acid Induces Furanocoumarin Production in Organ Cultures of *Glechonia Littoralis*. *Planta Medica.* 74: 1517-1519. 2008
- 69 Seki M, Suyama N, Hashiguchi K, Hara A, Kosai K, Yanagihara K, Nakamura S, Kurihara S, Imamura Y, Izumikawa K, Kakeya H, Yamamoto Y, Mukae H, Tashiro T, and Kohno S. A patient with fulminant influenza-related bacterial pneumonia due to *Streptococcus pneumoniae* followed by *Mycobacterium tuberculosis* infection *Intern Med.* 47: 2043-2047. 2008.
- 70 Kosai K, Seki M, Yanagihara K, Nakamura S, Kurihara S, Imamura Y, Izumikawa K, Kakeya H, Yamamoto Y, Tashiro T, and Kohno S. Two-dimensional gel electrophoresis analysis in simultaneous influenza pneumonia and bacterial infection in mice. *Clin Exp Immunol.* 152: 364-371. 2008.
- 71 Kosai K, Seki M, Yanagihara K, Nakamura S, Kurihara S, Izumikawa K, Kakeya H, Yamamoto Y, Tashiro T, and Kohno S. Elevated levels of high mobility group box chromosomal protein-1(HMGB-1) in sera from patients with severe bacterial pneumonia coinfecting with influenza virus. *Scand J Infect Dis.* 28: 338-342. 2008.
- 72 Kosai K, Seki M, Yanagihara K, Nakamura S, Kurihara S, Imamura Y, Izumikawa K, Kakeya H, Yamamoto Y, Tashiro T, and Kohno S. Gabexate mesilate suppresses influenza pneumonia in mice through inhibition of cytokines. *J Int Med Res.* 36: 322-328. 2008.
- 73 Ishida Y., Hu J-P, Sakai E., Kadowaki T., Yamamoto K., Tsukuba T., Nakayama K. and Okamoto K.: Functional expression of lysine-specific cysteine proteinase (Lys-gingipain) by a *Porphyromonas gingivalis* plasmid system. *Arch. Oral Biol.* 53(6): 538-544. 2008.
- 74 Uehara A., Naito M., Imamura T., Potempa J., Travis J., Nakayama K., and Takada H.: Dual regulation of IL-8 production in human oral epithelial cells upon stimulation with gingipains from *Porphyromonas gingivalis*. *J. Med. Microbiol.* Apr;57(Pt 4): 500-507. 2008.
- 75 Yoshimura M., Ohara N., Kondo Y., Shoji M., Okano S., Nakano Y., Abiko Y., and Nakayama K. Proteome analysis of *Porphyromonas gingivalis* cells placed in a subcutaneous chamber of mice. *Oral Microbiol. Immunol.* 23(5): 413-418. 2008.
- 76 Naito M, Hirakawa H, Yamashita A, Ohara N, Shoji M, Yukitake H, Nakayama K, Toh H, Yoshimura F, Kuhara S, Hattori M, Hayashi T, and Nakayama K. Determination of the genome sequence of *Porphyromonas gingivalis* strain ATCC 33277 and genomic comparison with strain W 83 revealed extensive genome rearrangements in *P. gingivalis*. *DNA Res.*, 15(4): 215-225. 2008.
- 77 Chen H, Minakawa N and Yan G. Conspecific sharing of breeding sites by anopheline female mosquitoes (Diptera: Culicidae) inferred from microsatellite markers. *Journal of Insect Behavior.* 21: 24-33. 2008.
- 78 Futami K, Sonye G, Akweywa P, Kaneko S and Minakawa N*. Diving Behavior in *Anopheles gambiae* (Diptera: Culicidae): Avoidance of a predacious wolf spider (Araneae: Lycosidae) in relation to life stage and water depth. *Journal of Medical Entomology.* 45: 1050-1056. 2008.
- 79 Minakawa N, Dida O. G, Sonye G, Futami K and Kaneko S. Unforeseen misuses of bed nets in fishing villages along Lake Victoria. *Malaria Journal.* 7: 165. 2008.
- 80 Minakawa N, Sonye G, Dida O. G, Futami K and Kaneko S. Recent reduction in the water level of Lake Victoria has created more habitats for *Anopheles funestus*. *Malaria Journal.* 7: 119. 2008.