

17. Infectious Disease Surveillance Center

- 1) Asada K, [Kamiya H](#), Suga S, Nagao M, Ichimi R, Fujisawa T, Umemoto M, Tanaka T, Ito H, Tanaka S, Ido M, Taniguchi K, Ihara T, Nakano T. Rotavirus vaccine and health-care utilization for rotavirus gastroenteritis in Tsu City, Japan. *Western Pac Surveill Response J*. 2016 ;7 (4) :28-36
- 2) [Arai S](#), Taniguchi S, Aoki K, Yoshikawa Y, Kyuwa S, [Tanaka-Taya K](#), Masangkay JS, Omatsu T, Puentespina R Jr, Watanabe S, Alviola P, Alvarez J, Eres E, Cosico E, Quibod MN, Morikawa S, Yanagihara R, [Oishi K](#). Molecular phylogeny of a genetically divergent hantavirus harbored by the Geoffroy's rousette (*Rousettus amplexicaudatus*), a frugivorous bat species in the Philippines. *Infect Genet Evol*. 2016;45:26-32
- 3) [Arai S](#), Kang HJ, Gu SH, Ohdachi SD, Cook JA, Yashina LN, [Tanaka-Taya K](#), Abramov SA, Morikawa S, Okabe N, [Oishi K](#), Yanagihara R. Genetic Diversity of Artybash Virus in the Laxmann's Shrew (*Sorex caecutiens*). *Vector Borne Zoonotic Dis*. 2016;16(7):468-75
- 4) Borrow R, Lee JS, Vázquez JA, Enwere G, Taha MK, [Kamiya H](#), Kim HM, Jo DS; Global Meningococcal Initiative. Meningococcal disease in the Asia-Pacific region: Findings and recommendations from the Global Meningococcal Initiative. *Vaccine*. 2016 ;34 (48) :5855-5862
- 5) Borrow R, Alarcón P, Carlos J, Caugant DA, Christensen H, Debbag R, De Wals P, Echániz-Aviles G, Findlow J, Head C, Holt D, [Kamiya H](#), Saha SK, Sidorenko S, Taha MK, Trotter C, Vázquez Moreno JA, von Gottberg A, Sáfadi MA; Global Meningococcal Initiative. The Global Meningococcal Initiative: global epidemiology, the impact of vaccines on meningococcal disease and the importance of herd protection. *Expert Rev Vaccines*. 2017 Apr;16 (4) :313-328
- 6) [Fukusumi M](#), [Kamiya H](#), Takahashi H, [Kanai M](#), [Hachisu Y](#), [Saitoh T](#), Ohnishi M, [Oishi K](#), [Sunagawa T](#). National surveillance for meningococcal disease in Japan, 1999-2014. *Vaccine*. 2016 Jul 25;34 (34) :4068-71
- 7) [Fukusumi M](#), Arashiro T, Arima Y, Matsui T, Shimada T, [Kinoshita H](#), Arashiro A, Takasaki T, Sunagawa T, [Oishi K](#). Dengue Sentinel Traveler Surveillance: Monthly and Yearly Notification Trends among Japanese Travelers, 2006–2014. *PLoS Negl Trop Dis*. 2016 Aug 19;10(8):e0004924. doi: 10.1371/journal.pntd.0004924.
- 8) [Fukusumi M](#), Chang B, Tanabe Y, Oshima K, Maruyama T, Watanabe H, Kuronuma K, Kasahara K, Takeda H, Nishi J, Fujita J, Kubota T, [Sunagawa T](#), [Matsui T](#), [Oishi K](#); Adult IPD Study Group. Invasive pneumococcal disease among adults in Japan, April 2013 to March 2015: disease characteristics and serotype distribution. *BMC Infect Dis*. 2017 Jan 3;17(1):2. doi: 10.1186/s12879-016-2113-y
- 9) Gu SH, [Arai S](#), Yu HT, Lim BK, Kang HJ, Yanagihara R. Genetic variants of Cao Bang hantavirus in the Chinese mole shrew (*Anourosorex squamipes*) and Taiwanese mole shrew (*Anourosorex yamashinai*). *Infect Genet Evol*. 2016 Jun;40:113-8
- 10) Hai le T, Thach HN, Tuan TA, Nam DH, Dien TM, Sato Y, Kumasaka T, Suzuki T, [Hanaoka N](#), [Fujimoto T](#), Katano H, Hasegawa H, Kawachi S, Nakajima N. Adenovirus Type 7 Pneumonia in Children Who Died from Measles-Associated Pneumonia, Hanoi, Vietnam, 2014. *Emerg Infect Dis*. 2016 Apr; 22(4): 687-690
- 11) [Hanaoka N](#), Matsutani M, Satoh M, Ogawa M, Shirai M, Ando S. Development of a Novel Loop-Mediated Isothermal Amplification (LAMP) Assay for the Detection of *Rickettsia* spp. *Jpn J Infect Dis*. 2017 Jan 24;70(1): 119-123
- 12) Hosaka M, Fujisaki S, Masakane A, Hattori J, [Shiino T](#), Gatanaga H, Shigemi U, Okazaki R, Hachiya A, Matsuda M, Ibe S, Iwatani Y, Yokomaku Y, Sugiura W. HIV-1 CRF01_AE and subtype B transmission networks cross over: a new AE/B recombinant identified in Japan. *AIDS Res Hum Retroviruses*. 2016. 32(5):412-419
- 13) [Ishikane M](#), [Kamiya H](#), [Kawabata K](#), Higashihara M, Sugihara M, Tabuchi A, Kuwabara M, Yahata Y, Yamagishi T, Odagiri T, Sugiki Y, Ohmagari N, [Matsui T](#), [Oishi K](#). Seasonal influenza vaccine (A/New York/39/2012) effectiveness against influenza A virus of health care workers in a long term care facility attached with the hospital, Japan, 2014/15: A cohort study. *J Infect Chemother*. 2016 Nov; 22 (11) :777-779
- 14) [Ishikane M](#), Arima Y, Kanayama A, Takahashi T, Yamagishi T, Yahata Y, Matsui T, Sunagawa T, Nozaki T, [Oishi K](#). Epidemiology of domestically-acquired amebiasis in Japan, 2000-2013. *Am J Trop Med Hyg*.

2016 Mar 14. pii: 15-0560.

- 15) Ishikane M, Arima Y, Itoda I, Takahashi T, Yamagishi T, Matsui T, Sunagawa T, Oishi K, Ohnishi M. Responding to the syphilis outbreak in Japan: piloting a questionnaire to evaluate potential risk factors for incident syphilis infection among men who have sex with men in Tokyo, Japan, 2015. *Western Pacific Surveillance and Response Journal*, 2016, Jul 11;7(3):36-39
- 16) Ito S, Hanaoka N, Shimuta K, Seike K, Tsuchiya T, Yasuda M, Yokoi S, Nakano M, Ohnishi M, Deguchi T. Male non-gonococcal urethritis: From microbiological etiologies to demographic and clinical features. *Int J Urol*. 2016 Apr; 23(4):325-331
- 17) Izumi Y, Akazawa M, Akeda Y, Tohma S, Hirano F, Ideguchi H, Matsumura R, Miyamura T, Mori S, Fukui T, Iwanaga N, Jiuchi Y, Kozuru H, Tsutani H, Saisyo K, Sugiyama T, Suenaga Y, Okada Y, Katayama M, Ichikawa, Furukawa H, Kawakami K, Oishi K, Migita K. The 23-valent pneumococcal polysaccharide vaccine in patients with rheumatoid arthritis: a double-blinded, randomized, placebo-controlled trial. *Arthritis Research & Therapy*. 2017 Jan; 19(1):15.
- 18) Kakiuchi S, Tsuji M, Nishimura H, Yoshikawa T, Wang L, Takayama-Ito M, Kinoshita H, Lim CK, Fujii H, Yamada S, Harada S, Oka A, Mizuguchi M, Taniguchi S, Saijo M. Association of the Emergence of Acyclovir-Resistant Herpes Simplex Virus Type 1 With Prognosis in Hematopoietic Stem Cell Transplantation Patients. *J Infect Dis*. 2017. 215(6):865-873
- 19) Kamiya H, Cho BH, Messonnier M, Clark TA, Liang JL. Impact and cost-effectiveness of a second tetanus toxoid, reduced diphtheria toxoid, and acellular pertussis (Tdap) vaccine dose to prevent pertussis in the United States. *Vaccine*. 2016, 4;34(15) :1832-1838
- 20) Kato H, Yamagishi T, Shimada T, Matsui T Shimojima M, Saijo M, Oishi K, the SFTS epidemiological research group-Japan. Epidemiological and Clinical Features of Severe Fever with Thrombocytopenia Syndrome in Japan, 2013-2014. *PLoS One* 2016 Oct 24;11(10):e0165207. doi: 10.1371/journal.pone.0165207.
- 21) Kerdsin A, Gottschalk M, Hatrongjit R, Hamada S, Akeda Y, Oishi K. A Fatal Child Case of Septic Meningitis Caused by *Streptococcus suis* serotype 24. *Emerg Infect Dis*. 2016. 22(8):1519-1520
- 22) Kimura H, Nagasawa K, Tsukagoshi H, Matsushima Y, Fujita K, Yoshida LY, Tanaka R, Ishii H, Shimojo N, Kuroda M, Ryo A. Molecular evolution of the fusion protein gene in human respiratory syncytial virus subgroup A. *Infect Genet Evol*. 2016. 43:398-406
- 23) Kimura K, Fukushima T, Katada N, Shimizu H, Nakamura T, Fujimoto T, Hanaoka N, Tanaka-Taya K, and Makino K. Adult case of acute flaccid paralysis with enterovirus D68 detected in the CSF. *Neurology Clinical Practice*. Published online before print November 4, 2016.
- 24) Kobayashi M, Matsushima Y, Motoya T, Sakon N, Shigemoto N, Okamoto-Nakagawa R, Nishimura K, Yamashita Y, Kuroda M, Saruki N, Ryo A, Saraya T, Morita Y, Shirabe K, Ishikawa M, Takahashi T, Shinomiya H, Okabe N, Nagasawa K, Suzuki Y, Katayama K, Kimura H. Molecular evolution of the capsid gene in human norovirus genogroup II. *Sci Rep*. 2016 Jul 7;6:29400.
- 25) Kudoh A, Miyakawa K, Matsunaga S, Matsushima Y, Kosugi I, Kimura H, Hayakawa S, Sawasaki T, Ryo A. H11/HSPB8 restricts HIV-2 Vpx to restore the anti-viral activity of SAMHD1. *Front Microbiol*. 2016. 7: e1002425.
- 26) Kurai D, Sasaki Y, Saraya T, Ishii H, Tsukagoshi H, Kozawa K, Ryo A, Ishioka T, Kuroda M, Oishi K, Takizawa T, Kimura H. Pathogen profiles and molecular epidemiology of respiratory viruses in Japanese inpatients with community-acquired pneumonia. *Respir Invest*. 2016. 54: 255-263
- 27) Ly S, Arashiro T, Ieng V, Tsuyuoka R, Parry A, Horwood P, Heng S, Hamid S, Vandemaele K, Chin S, Sar B, Arima Y. Establishing seasonal and alert influenza thresholds in Cambodia using the WHO method: implications for effective utilization of influenza surveillance in the tropics and subtropics. *Western Pac Surveill Response J*. 2017 Mar 15;8(1):22-32. doi: 10.5365/WPSAR.2017.8.1.002. eCollection 2017 Jan-Mar.
- 28) Maeda-Mitani E, Murakami K, Oishi A, Etoh Y, Ser a N, Fujimoto S. Typing method for the QUB11a locus of *Mycobacterium tuberculosis*: IS6110 insertions and tandem repeat analysis. *BioMed Research International*, 2016:5216530.
- 29) Matsushima Y, Shimizu T, Ishikawa M, Komane A,

- Okabe N, Ryo A, Kimura H, Katayama K, Shimizu H. Complete genome sequence of a recombinant GII.P16-GII.4 norovirus detected in Kawasaki city, Japan, in 2016. *Genome Announcements*. 4(5):e01099-16, 2016.
- 30) Nishina A, Ukiya M, Fukatsu M, Koketsu M, Ninomiya M, Sato D, Kimura H. 5,7-Dihydroxyflavone analogues may regulate lipopolysaccharide-induced inflammatory responses by suppressing I κ B α -linked Akt and ERK5 phosphorylation in RAW 264.7 macrophages. *Planta Med*. 2016. 81(S01):S1-S381
- 31) Nawa N, Kogaki S, Takahashi K, Ishida H, Baden H, Katsuragi S, Narita J, Tanaka-Taya K, Ozono K. Analysis of public concerns about influenza vaccinations by mining a massive online question dataset in Japan. *Vaccine*. 2016, 8;34(27):3207-13
- 32) Ogi M, Yano Y, Chikahira M, Takai D, Oshibe T, Arashiro T, Hanaoka N, Fujimoto T, Hayashi Y. Characterization of genome sequences and clinical features of coxsackievirus A6 strains collected in Hyogo, Japan in 1999-2013. *J Med Virol*. Epub 2017 Mar 14
- 33) Ohdachi SD, Kinoshita G, Oda S, Motokawa M, Jogahara T, Arai S, Nguyen ST, Suzuki H, Katakura K, Bawm S, Min MZ, Thwe TL, Gamage CD, Hashim R, Omar H, Maryanto I, Taher G, Ranorosa MC, Moribe J, Tsuchiya K. Intraspecific phylogeny of the house shrews, *Suncus murinus*-*S. montanus* species complex, based on the mitochondrial cytochrome b gene. *Mammal Study*. 2016, 41(4): 229–238
- 34) Otsuka H, Tsukagoshi H, Kimura H, Takanashi I, Okubo K. Are respiratory viruses involved in pre-seasonal symptoms or severity in Japanese cedar pollinosis? *Allergy Rhinol (Providence)*. 2016. 7(2):62-68
- 35) Saitoh A, Saitoh A, Sato I, Shinozaki T, Kamiya H, Nagata S; Effect of stepwise perinatal immunization education: A cluster-randomized controlled trial. *Vaccine*. 2017, 14;35(12) :1645-1651
- 36) Sakuma Y, Ranorosa MC, Kinoshita G, Shimoji H, Tsuchiya K, Ohdachi SD, Arai S, Tanaka C, Ramino H, Suzuki H. Variation in the coat-color-controlling genes, Mc1r and Asip, in the house mouse *Mus musculus* from Madagascar. *Mammal study*. 2016, 41(3): 131-140
- 37) Saraya T, Morita Y, Shirabe K, Ishikawa M, Takahashi T, Shinomiya H, Okabe N, Nagasawa K, Suzuki Y, Katayama K, Kimura H. Molecular evolution of the capsid gene in human norovirus genogroup II. *Sci Rep*. 2016. 6:29400.
- 38) Sato M, Kuroda M, Kasai M, Matsui H, Fukuyama T, Katano H, Tanaka-Taya K. Acute encephalopathy in an immunocompromised boy with astrovirus-MLB1 infection detected by next generation sequencing. *J Clin Virol*. 2016 May;78:66-70
- 39) Sugai K, Kimura H, Miyaji Y, Tsukagoshi H, Yoshizumi M, Sasaki-Sakamoto T, Matsunaga S, Yamada Y, Noda M, Ikeda M, Kozawa K, Ryo A, Yoshihara S, Ogata H, Okayama Y. MIP-1 α level in nasopharyngeal aspirates at first wheezing episode predicts recurrent wheezing. *J Allergy Clin Immunol*. 2016. 137(3):774-781
- 40) Suzuki Y, Doan YH, Kimura H, Shinomiya H, Shirabe K, Katayama K. Predicting genotype compositions in norovirus seasons in Japan. *Microbiol Immunol*. 2016. 60(6):418-426
- 41) Takahashi H, Haga M, Sunagawa T, Saitoh T, Kitahara T, Matsumoto S, Ohnishi M. Meningococcal carriage rates in healthy individuals in Japan determined using Loop-Mediated Isothermal Amplification and oral throat wash specimens. *J Infect Chemother*. 2016 Jul;22(7):501-504
- 42) Takeuchi D, Kerdsin A, Akeda Y, Chiranairadul P, Loetthong P, Tanburawong N, Areeratana P, Puangmalo P, Khamisara K, Pinyo W, Anukul R, Samechea S, Lekhalua P, Nakayama T, Yamamkoto K, Hirose M, Hamada S, Dejsierilert S, Oishi K. Impact of a food safety campaign on *Streptococcus suis* infection in humans in Thailand. *Am J Trop Med* 2017 Jun; 96(6):1370-1377
- 43) Tanaka T, Kamiya H, Asada K, Suga S, Ido M, Umemoto M, Ouchi K, Ito H, Kuroki H, Nakano T, Taniguchi K; Changes in rotavirus genotypes before and after vaccine introduction: a multicenter, prospective observational study in three areas of Japan. *Jpn J Infect Dis*. 2017 Jul 24;70(4):448-452
- 44) Tokuda K, Yahata Y, Sunagawa T. Prevention of secondary household transmission during Shiga toxin-producing *Escherichia coli* outbreaks. *Epidemiol Infect*. 2016 Jun 13:1-9
- 45) Yamagishi T, Arai S, Hifumi T, Sawabe K, Yamamoto A, Shibayama K, Ato M, Taki H, Goka K, Oishi K. Expanding distributions of red back spiders and bites in Japan from 2011 to 2013. *Med. Entomol. Zool*. 2016.

- 46) Yamaoka Y, Matsuyama S, Fukushi S, Matsunaga S, Matsushima Y, Kuroyama H, Kimura H, Takeda M, Chimuro T, Ryo A. Development of monoclonal antibody and diagnostic test for Middle East respiratory syndrome coronavirus using cell-free synthesized nucleocapsid antigen. *Front Microbiol.* 2016. 7:509
- 47) Yen Hai Doan, TH, Haga K, Fujimoto A, Fujii Y, Takai-Todaka R, Oka T, Kimura H, Yoshizumi S, Shigemoto N, Okamoto-Nakagawa R, Shirabe K, Shinomiya H, Sakon N, Katayama K. Genetic analysis of human rotavirus C: The appearance of Indian–Bangladeshi strain in Far East Asian countries. *Infect Genet Evol.* 2016. 41: 160-173
- 48) Yoshihara K, Le MN, Nagasawa K, Tsukagoshi H, Nguyen HA, Toizumi M, Moriuchi H, Hashizume H, Ariyoshi K, Dang DA, Kimura H, Yoshida LY. Molecular evolution of respiratory syncytial virus subgroup A genotype NA1 and ON1 attachment glycoprotein (G) gene in central Vietnam, *Infect Genet Evol.* 2016. 45: 437-446
- 49) Yoshitomi H, Sera N, Gonzalez G, Hanaoka N, Fujimoto T. First isolation of a new type of human virus (genotype 79), species Human mastadenovirus B (B2) from sewage water in Japan. *J Med Virol.* 2016 Dec 12. doi: 10.1002/jmv.24749.
- 50) Watanabe A, Kobayashi Y, Shimada T, Yahata Y, Kobayashi A, Kanai M, Hachisu Y, Fukusumi M, Kamiya H, Takahashi T, Arima Y, Kinoshita H, Kanou K, Saitoh T, Arai S, Satoh H, Okuno H, Morino S, Matsui T, Sunagawa T, Tanaka-Taya K, Takeda M, Komase K, Oishi K : Exposure to H1 genotype measles virus at an international airport in Japan on 31 July 2016 results in a measles outbreak. *Western Pac Surveill Response J.* 2017;8(1):37-39