

## 12. Department of Veterinary Science

- 1) Yumi Kumagai, Kozue Sato, Kyle R. Taylor, Aya Zamoto-Niikura, Koichi Imaoka, Shigeru Morikawa, Makoto Ohnishi, Hiroki Kawabata. A Relapsing fever group *Borrelia* sp. similar to *Borrelia theileri* is widely distributed among wild deer in Japan. *Ticks and Tick-Borne Diseases*, 9(3):465-470, 2018
- 2) Kei Yamamoto, Yasuyuki Kato, Yoshikazu Mutoh, Satoshi Kutsuna, Koichi Imaoka, Norio Ohmagari. Photo Quiz: A Traveler from Africa with Fever and Aggravated Chronic Back Pain. *Clinical Infectious Diseases*, 66(5):805-807, 2018
- 3) Minami Taki, Yoshio Shimojima, Ayako Nogami, Takuhiro Yoshida, Michio Suzuki, Koichi Imaoka, Hiroki Momoi and Norinao Hanyu. Sepsis caused by newly identified *Capnocytophaga canis* following cat bites: *C. canis* is the third candidate along with *C. canimorsus* and *C. cynodegmi* causing zoonotic infection. *Internal Medicine*, 57(2):273-277, 2018
- 4) Shinobu Tamura, Asumi Koyama, Yusuke Yamashita, Chieko Shiotani, Hiromichi Nakamoto, Chiaki Nakamoto, Michio Suzuki, Yoshio Nakano, Koichi Imaoka, Takashi Sonoki, Tokuzo Fujimoto. *Capnocytophaga canimorsus* sepsis in a methotrexate-treated patient with rheumatoid arthritis. *IDCases*, 10:18-21, 2017
- 5) Kimura,M., Une,Y., Suzuki,M., Park,E-S., Imaoka,K. and Morikawa,S.. Isolation of *Brucella inopinata*-like bacteria from White's and Denny's tree frogs. *Vector-Borne and Zoonotic Diseases*, 17(5):297-302, 2017
- 6) Arikawa K, Wachi A, Imura Y, Sutummaporn K, Kai C, Park ES, Morikawa S, Uematsu Y, Yamaguchi T, Furuya T. Development of an ELISA for serological detection of feline morbillivirus infection. *Arch Virol*. 2017, 162(8):2421-2425
- 7) Ejiri H, Lim CK, Isawa H, Yamaguchi Y, Fujita R, Takayama-Ito M, Kuwata R, Kobayashi D, Horiya M, Posadas-Herrera G, Iizuka-Shiota I, Kakiuchi S, Katayama Y, Hayashi T, Sasaki T, Kobayashi M, Morikawa S, Maeda K, Mizutani T, Kaku K, Saijo M, Sawabe K. Isolation and characterization of Kabuto Mountain virus, a new tick-borne phlebovirus from *Haemaphysalis flava* ticks in Japan. *Virus Res*. 2017, 244:252-261
- 8) Kumagai Y, Sato K, Taylor KR, Zamoto-Niikura A, Imaoka K, Morikawa S, Ohnishi M, Kawabata H. A relapsing fever group *Borrelia* sp. is widely distributed among wild deer in Japan. *Ticks Tick Borne Dis*. 2017, pii: S1877-959X(17)30354-0
- 9) Sunohara M, SATO I, and Morikawa S. Promoter motifs required for c-mpl gene expression induced by thrombopoietin in CMK cells. *Cellular and Molecular Biology (CMB)*, 2017, 63(11):119-123
- 10) Yoshikawa T, Fujii H, Okutani A, Shibamura M, Omura N, Egawa K, Kato H, Inagaki T, Harada S, Yamada S, Morikawa S, Saijo M. Construction and characterization of bacterial artificial chromosomes harboring the full-length genome of a highly attenuated vaccinia virus LC16m8. *PLoS One*. 2018, 13(2): e0192725
- 11) Zamoto-Niikura A, Tsuji M, Qiang W, Morikawa S, Hanaki KI, Holman PJ, Ishihara C. Babesia divergens Asia lineage is maintained between *Ixodes persulcatus* and sika deer in Hokkaido, Japan. *Appl Environ Microbiol*. 2018, pii: AEM.02491-17
- 12) Yoshimatsu K, Arai S, Shimizu K, Tsuda Y, Boldgiv B, Boldbaatar B, Sergelen E, Ariunzaya D, Enkhmanda O, Tuvshintugs S, Morikawa S, Arikawa J. Antibody detection from Middendorf's vole (*Microtus middendorffii*) against Tula virus captured in Mongolia. *Jpn J Vet Res*. 2017, 65(1):39-44
- 13) Iizuka I, Ami Y, Suzuki Y, Nagata N, Fukushi S, Ogata M, Morikawa S, Hasegawa H, Mizuguchi M, Kurane I, Saijo M. A Single Vaccination of Nonhuman Primates with Highly Attenuated Smallpox Vaccine, LC16m8, Provides Long-term Protection against Monkeypox. *Jpn J Infect Dis*. 2017, 70(4):408-415
- 14) Nguyen, T. D., Takasuka, H., Kaku, Y., Inoue, S., Nagamune, T., Kawahara, M. Engineering a growth sensor to select intracellular antibodies in the cytosol of mammalian cells. *J. Biosci. Bioeng.* 124, 125-132 doi:10.1016/j.jbiosc.2017.02.017
- 15) Shih TH, Wallace R, Tu WJ, Wu HY, Inoue S, Liu JN, Weng CJ and Fei CY. The Progression of Taiwan Ferret Badger Rabies from July 2013 to December 2016. *J Zoonotic Dis Public Health*. 1:2, 2017
- 16) Kimitsuki, K., Yamada, K., Shiwa N., Inoue, S., Nishizono , A., and Park, C.-H.. Pathological lesions in the central nervous system and peripheral tissues of ddY mice with street rabies virus (1088 strain). *J. Vet. Med. Sci*. 79:970-978, 2017

- 17) Tian D, Uda A, Park ES, Hotta A, Fujita O, Yamada A, Hirayama K, Hotta K, Koyama Y, Azaki M, and Morikawa S. Evaluation of *Francisella tularensis* ΔpdpC as a candidate live attenuated vaccine against respiratory challenge by a virulent SCHU P9 strain of *Francisella tularensis* in a C57BL/6J mouse model. *Microbiology and Immunology*, 62:24-33, 2018
- 18) Saha SS, Suzuki J, Uda A, Watanabe K, Shimizu T, and Watarai M. Silkworm Model for *Francisella Novicida* Infection. *Microbial Pathogenesis*, 113:94-101, 2017
- 19) Fujino M, Sato H, Okamura T, Uda A, Takeda S, Ahmed N, Shichino S, Shiino T, Saito Y, Watanabe S, Sugimoto C, Kuroda M, Ato M, Nagai Y, Izumo S, Matsushima K, Miyazawa M, Ansari AA, Villinger F, and Mori K. Simian Immunodeficiency Virus Targeting of Cxcr3+ Cd4+ T Cells in Secondary Lymphoid Organs Is Associated with Robust Cxcl10 Expression in Monocyte/Macrophage Subsets. *Journal of Virology*, 91(13): e00439-17, 2017
- 20) Enkai S, Sakamoto K, Kaneko M, Kouguchi H, Irie T, Yagi K, Ishida Y, Matsumoto J, Oku Y, Kataura K, Fujita O, Nozaki T, and Kita K. Medical Treatment of Echinococcus multilocularis and New Horizons for Drug Discovery: Characterization of Mitochondrial Complex II as a Potential Drug Target. *Echinococcosis* (Inceboz T ed.), ISBN 978-953-51-3592-0, Print ISBN 978-953-51-3591-3, 78 pages, Publisher: InTech, Chapters published November 15, 2017 doi: 10.5772/65181