



ROSS UNIVERSITY

SCHOOL OF VETERINARY MEDICINE

RUSVM Publications 2019

1. Adesiyun, A. A., **Knobel, D. L.**, Thompson, P. N., Wentzel, J., Kolo, F. B., Kolo, A. O., **Conan, A.**, Simpson, G. J. G. (2019). Sero-Epidemiological Study of Selected Zoonotic and Abortifacient Pathogens in Cattle at a Wildlife-Livestock Interface in South Africa. *Vector Borne Zoonotic Dis.* doi:10.1089/vbz.2019.2519
2. Alexandre-Santos, B., **Machado, M. V.**, Menezes, A. C., Velasco, L. L., Sepulveda-Fragoso, V., **Vieira, A. B.**, Frantz, E. D. C. (2019). Exercise-induced cardiac opioid system activation attenuates apoptosis pathway in obese rats. *Life Sci.* doi:10.1016/j.lfs.2019.06.017
3. Amsellem, P. M., **Cavanaugh, R. P.**, Chou, P. Y., Bacon, N. J., Schallberger, S. P., Farese, J. P., Powers, B. E. (2019). Apocrine gland anal sac adenocarcinoma in cats: 30 cases (1994-2015). *J Am Vet Med Assoc*, 254(6), 716-722. doi:10.2460/javma.254.6.716
4. Anderson, A., Kotze, J., Shwiff, S. A., Hatch, B., Sloomaker, C., **Conan, A.**, **Knobel, D.L.**, Nel, L. H. (2019). A bioeconomic model for the optimization of local canine rabies control. *PLoS Negl Trop Dis*, 13(5), e0007377. doi:10.1371/journal.pntd.0007377
5. Argudin, M. A., **Hofer, A.**, **Butaye, P.** (2019). Heavy metal resistance in bacteria from animals. *Res Vet Sci*, 122, 132-147. doi:10.1016/j.rvsc.2018.11.007
6. Astorga, F., **Navarrete-Talloni, M. J.**, Miró, M. P., Bravo, V., Toro, M., Blondel, C. J., Hervé-Claude, L. P. (2019). Antimicrobial resistance in *E. coli* isolated from dairy calves and bedding material. *Heliyon*, 5(11), e02773. doi:https://doi.org/10.1016/j.heliyon.2019.e02773
7. **Baker, K. R.**, **Jana, B.**, Hansen, A. M., Nielsen, H. M., Franzyk, H., **Guardabassi, L.** (2019). Repurposing Azithromycin and Rifampicin Against Gram-Negative Pathogens by Combination With Peptidomimetics. *Front Cell Infect Microbiol*, 9, 236. doi:10.3389/fcimb.2019.00236
8. **Becker, A.A.M.J.**, **Rajeev, S.**, **Freeman, M. A.**, **Beierschmitt, A.**, **Savinon, V.**, **Wulcan, J. M.**, **Bolfa, P.** (2019). Extraintestinal Acanthocephalan *Oncicola venezuelensis* (Oligacanthorhynchidae) in Small Indian Mongooses (*Herpestes auropunctatus*) and African Green Monkeys (*Chlorocebus aethiops sabaues*). *Vet Pathol*, 300985819848502. doi:10.1177/0300985819848502
9. Berrian, A. M., Martinez-Lopez, B., Quan, V., Conrad, P. A., van Rooyen, J., Simpson, G. J. G., **Knobel, D.**, Blumberg, L. (2019). Risk factors for bacterial zoonotic pathogens in acutely febrile patients in Mpumalanga Province, South Africa. *Zoonoses Public Health*. doi:10.1111/zph.12577
10. **Boey, K.**, **Shiokawa, K.**, **Avsaroglu, H.**, **Rajeev, S.** (2019). Seroprevalence of Rodent Pathogens in Wild Rats from the Island of St. Kitts, West Indies. *Animals (Basel)*, 9(5). doi:10.3390/ani9050228
11. **Boey, K.**, **Shiokawa, K.**, **Rajeev, S.** (2019). Leptospira infection in rats: A literature review of global prevalence and distribution. *PLoS Negl Trop Dis*, 13(8), e0007499. doi:10.1371/journal.pntd.0007499
12. **Bolfa, P.**, **Callanan, J. J.**, **Ketzis, J.**, **Marchi, S.**, **Cheng, T.**, **Huynh, H.**, **Kelly, P.** (2019). Infections and pathology of free-roaming backyard chickens on St. Kitts, West Indies. *J Vet Diagn Invest*, 1040638719843638. doi:10.1177/1040638719843638
13. **Bolfa, P.**, Wang, P., **Nair, R.**, **Rajeev, S.**, Armien, A. G., Henthorn, Wood T, **Thrall M.**, Giger, U. (2019). Hereditary beta-mannosidosis in a dog: Clinicopathological and molecular genetic characterization. *Mol Genet Metab.* doi:10.1016/j.ymgme.2019.08.002
14. Bossowska-Nowicka, M., Mielcarska, M. B., Romaniewicz, M., Kaczmarek, M. M., Gregorczyk-Zboroch, K. P., Struzik, J., **Toka, F. N.**, Szulc-Dabrowska, L. (2019). Ectromelia virus suppresses expression of cathepsins and cystatins in conventional dendritic cells to efficiently execute the replication process. *BMC Microbiol*, 19(1), 92. doi:10.1186/s12866-019-1471-1

15. Bossowska-Nowicka, M., Mielcarska, M. B., Struzik, J., Jackowska-Tracz, A., Tracz, M., Gregorczyk-Zboroch, K. P., **Toka, F. N.**, Szulc-Dabrowska, L. (2019). Deficiency of Selected Cathepsins Does Not Affect the Inhibitory Action of ECTV on Immune Properties of Dendritic Cells. *Immunol Invest*, 1-17. doi:10.1080/08820139.2019.1631843
16. **Braae, U. C.** (2019). The World Health Organization 2030 goals for *Taenia solium*: Insights and perspectives from transmission dynamics modelling. *Gates Open Research*, 3(1546). doi:10.12688/gatesopenres.13068.1
17. **Braae, U. C.**, Gabriël, S., Trevisan, C., Thomas, L. F., Magnussen, P., Abela-Ridder, B., Johansen, M. V. (2019). Stepwise approach for the control and eventual elimination of *Taenia solium* as a public health problem. *BMC Infect Dis*, 19(1), 182-182. doi:10.1186/s12879-019-3812-y
18. **Braae, U. C.**, Lightowlers, M. W., Donadeu, M. (2019). Can We Recommend Practical Interventions to Prevent Neurocysticercosis? *Trends Parasitol*, 35(8), 592-595. doi:https://doi.org/10.1016/j.pt.2019.04.012
19. Cheong, S. H., Castillo Herrera, J. M., Dockweiler, J. C., Donnelly, C. G., Sones, J. L., Ellerbrock, R. E., **Gilbert, R. O.**, Diel de Amorim, M. (2019). Efficacy and outcome of foaling augmented with oxytocin using mammary calcium and pH criteria to guide the timing of augmentation. *Anim Reprod Sci*, 202, 87-95. doi:10.1016/j.anireprosci.2019.02.002
20. Colón-Llavina MM, M. S., Nascetti G, Harvey JT, Williams Jr. EH, **Mignucci-Giannoni AA.** (2019). Some metazoan parasites from marine mammals stranded in California. *Pacific Science*, 73(4), 1-13.
21. Crawford, R. L., Blyde, D., Blackall, P. J., Forde, B. M., Beatson, S. A., Harris, L. M., Omaleki, L. (2019). Novel insights into pasteurellosis in captive pinnipeds. *Vet Microbiol*, 231, 232-237. doi:https://doi.org/10.1016/j.vetmic.2019.03.017
22. Crosbie, D. E., **Keaney, J.**, Tam, L. C. S., Daniel Stamer, W., Campbell, M., & Humphries, P. (2019). Age-related changes in eye morphology and aqueous humor dynamics in DBA/2J mice using contrast-enhanced ocular MRI. *Magn Reson Imaging*, 59, 10-16. doi:10.1016/j.mri.2019.01.016
23. **Dascanio, J., Roberson, J.**, Pfent, C., Nahar, V. K., Arauz, M., Alexander, K., Botsko, D. (2019). The prevalence of ultrasonographic abnormalities and histopathologic lesions is high in testes of yearling tropical hair rams. *Vet Radiol Ultrasound*. doi:10.1111/vru.12728
24. Delmas, B., Attoui, H., **Ghosh, S.**, Malik, Y. S., Mundt, E., Vakharia, V. N., Ictv Report, C. (2019). ICTV virus taxonomy profile: Birnaviridae. *J Gen Virol*, 100(1), 5-6. doi:10.1099/jgv.0.001185
25. **Dennis, M. M.**, Izquierdo, A., **Conan, A.**, Johnson, K., Giardi, S., Frye, P., **Freeman, M. A.** (2019). Scaphanocephalus-associated dermatitis as the basis for black spot disease in Acanthuridae of St. Kitts, West Indies. *Dis Aquat Organ*, 137(1), 53-63. doi:10.3354/dao03419
26. Deza-Cruz, I., Mill, A., Rushton, S., **Kelly, P.** (2019). Comparison of the Use of Serum and Plasma as Matrix Specimens in a Widely Used Noncommercial Dengue IgG ELISA. *Am J Trop Med Hyg*. doi:10.4269/ajtmh.19-0112
27. Dixon, M. A., **Braae, U. C.**, Winskill, P., Walker, M., Devleeschauwer, B., Gabriel, S., & Basanez, M. G. (2019). Strategies for tackling *Taenia solium* taeniosis/cysticercosis: A systematic review and comparison of transmission models, including an assessment of the wider Taeniidae family transmission models. *PLoS Negl Trop Dis*, 13(4), e0007301. doi:10.1371/journal.pntd.0007301
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29. Donnelly, C. G., Sones, J. L., Dockweiler, J. C., Norberg, L. A., Norberg, L. E., Cheong, S. H., **Gilbert, R. O.** (2019). Effects of flunixin meglumine on postponement of ovulation in mares. *Am J Vet Res*, 80(3), 306-310. doi:10.2460/ajvr.80.3.306
30. Dorrestein, E., **Peda, A.**, **Thrall, M. A.**, **Illanes, O.** (2019). Fatal pulmonary thromboembolism in a two-year-old dog receiving long-term corticosteroid therapy. *Vet Rec Case Reports*, 7(2), e000701. doi:10.1136/vetreccr-2018-000701
31. Eisenbraun, H., Alluwie, A., Connolly, S., **Nair, R.**, Verocai, G. G., **Ketzis, J. K.** (2019). Comparison of fecal analysis methods for the detection of *Platynosomum fastosum* in naturally infected cats. *J Feline Med Surg*, 1098612x19848173. doi:10.1177/1098612x19848173
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- reproductive tract. *J Dairy Sci*, 102(4), 3754-3765. doi:10.3168/jds.2018-15602
34. Gomez, D. E., Rodriguez-Lecompte, J. C., Lofstedt, J., Arroyo, L. G., **Nino-Fong, R.**, McClure, J. T. (2019). Detection of endotoxin in plasma of hospitalized diarrheic calves. *J Vet Emerg Crit Care (San Antonio)*, 29(2), 166-172. doi:10.1111/vec.12815
 35. **Guardabassi, L.**, Moodley, A., Williams, A., Stegger, M., Damborg, P., **Halliday-Simmonds, I.**, **Butaye, P.** (2019). High Prevalence of USA300 Among Clinical Isolates of Methicillin-Resistant Staphylococcus aureus on St. Kitts and Nevis, West Indies. *Front Microbiol*, 10, 1123. doi:10.3389/fmicb.2019.01123
 36. Hajipour, N., **Ketzis, J.**, Esmailnejad, B., & Shahbazfar, A. A. (2019). Pathological characteristics of Linguatula serrata (aberrant arthropod) infestation in sheep and factors associated with prevalence in Iran. *Prev Vet Med*, 172, 104781. doi:10.1016/j.prevetmed.2019.104781
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