



# ROSS UNIVERSITY

## SCHOOL OF VETERINARY MEDICINE

### 2020 RUSVM Publications

1. Alabí, A. S., Monti, G., Otth, C., Sepulveda-García, P., Sánchez-Hidalgo, M., de Mello, V. V. C., **Müller, A.** (2020). Molecular Survey and Genetic Diversity of Hemoplasmas in Rodents from Chile. *Microorganisms*, 8(10). doi:10.3390/microorganisms8101493
2. Alexandre-Santos, B., Alves, R., Matsuura, C., Sepúlveda-Fragoso, V., Velasco, L. L., Machado, M. V., **Vieira, A.B.**, Frantz, E. D. C. (2020). Modulation of cardiac renin-angiotensin system, redox status and inflammatory profile by different volumes of aerobic exercise training in obese rats. *Free Radic Biol Med*, 156, 125-136. doi:10.1016/j.freeradbiomed.2020.05.019
3. **Ambrosia, R., Gilbert, R., Bergfelt, D., Samper, J., Peterson, E., French, H.** (2020). Sample handling has minimal effect on blood progesterone concentrations in jennies. *Clinical Theriogenology*, Volume 12.
4. **Arega, S., Conan, A.,** Sabeta, C. T., Crafford, J. E., Wentzel, J., Reininghaus, B., **Toka, F., Knobel, D. L.** (2020). Rabies Vaccination of 6-Week-Old Puppies Born to Immunized Mothers: A Randomized Controlled Trial in a High-Mortality Population of Owned, Free-Roaming Dogs. *Trop Med Infect Dis*, 5(1). doi:10.3390/tropicalmed5010045
5. Arifin, M. I., Staskevicius, A., Shim, S. Y., Huang, Y. H., **Fenton, H.**, McLoughlin, P. D., Gilch, S. (2020). Large-scale prion protein genotyping in Canadian caribou populations and potential impact on chronic wasting disease susceptibility. *Mol Ecol*. doi:10.1111/mec.15602
6. **Atherley, N. A. M., Freeman, M. A., & Dennis, M. M.** (2020). Post-mortem examination of the Caribbean spiny lobster (*Panulirus argus*, Latreille 1804) and common pathology in a fishery of the Lesser Antilles. *J Invertebr Pathol*, 107453. doi:https://doi.org/10.1016/j.jip.2020.107453
7. **Atherley, N. A. M., Dennis, M. M., & Freeman, M. A.** (2020). Two species of Carcinonemertes Coe, 1902 (Nemertea: Carcinonemertidae) infesting the Caribbean spiny lobster, *Panulirus argus* (Latreille, 1804) (Decapoda: Achelata: Palinuridae), in Saint Kitts, West Indies. *Journal of Crustacean Biology*. doi:10.1093/jcobiol/ruaa060
8. Barua, S., Hoque, M. M., **Kelly, P. J.**, Poudel, A., Adekanmbi, F., Kalalah, A., Wang, C. (2020). First report of *Rickettsia felis* in mosquitoes, USA. *Emerging Microbes & Infections*, 9(1), 1008-1010. doi:10.1080/22221751.2020.1760736
9. **Becker, A. A. M. J.**, Harrison, S. W. R., Whitehouse-Tedd, G., Budd, J. A., & Whitehouse-Tedd, K. M. (2020). Integrating Gut Bacterial Diversity and Captive Husbandry to Optimize Vulture Conservation. *Frontiers in Microbiology*, 11(1025). doi:10.3389/fmicb.2020.01025
10. Berentsen, A. R., **Cruz-Martinez, L.**, Vos, A., Ortman, S., Kretzschmar, A., Kaiser, C., **Hervé-Claude, L., Knobel, D., Rupperecht, C. E.** (2020). Disappearance Rates of a Placebo Bait for the Small Indian Mongoose Across Different Habitats on St. Kitts. *Caribbean Journal of Science*, 50(2), 236-241, 236. Retrieved from https://doi.org/10.18475/cjos.v50i2.a5
11. **Bergfelt, D. R., Davis, S., Conan, A.,** Martinez, M., Vences, M., Canales, R., Sanchez- Okrucky, R. (2020). Plasma concentrations of corticosteroids associated with performance-based physical activity in bottlenose dolphins (*Tursiops truncatus*). *Journal of Zoo and Aquarium Research* 8.
12. **Bolfa, P.,** Cercone, M., **Dennis, M. M., Conan, A., Grevemeyer, B., & Ducharme, N. G.** (2020). Clinical and Pathological Features in Horses With Advanced Arytenoid Chondritis. *Vet Pathol*, 300985820967452. doi:10.1177/0300985820967452
13. Brewer, A., Cormican, P., Lim, J. J., **Chapwanya, A.,** O'Farrelly, C., & Meade, K. G. (2020). Qualitative and quantitative differences in endometrial inflammatory gene expression precede the development of bovine

- uterine disease. *Sci Rep*, 10(1), 18275. doi:10.1038/s41598-020-75104-7
14. Byrne, J., **Knobel, D.**, Moore, S. M., Gatrell, S., & **Butaye, P.** (2020). The Influence of  $\beta$ -1,3-1,6-Glucans on Rabies Vaccination Titers in Cats. *Veterinary Sciences*, 7(3), 118. Retrieved from <https://www.mdpi.com/2306-7381/7/3/118>
  15. Caicedo-Herrera D, M.-S. Y., Gómez-Camelo IV, Rosso-Lodoño MC, **Mignucci-Giannoni AA.** (2020). Opportunistic fish consumption by Antillean manatees (*Trichechus manatus manatus*) in Colombia. *Caribbean Naturalist* 74, 1-9.
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  17. **Cavanaugh, R. P., Kamik, P.,** & Corey, T. (2020). Humeral fracture repair in an African green monkey (*Chlorocebus sabaeus*). *Vet Rec Case Reports*, 8(4), e001212. doi:10.1136/vetreccr-2020-001212
  18. **Chapuis, R. J. J.,** Ragno, V. M., Ariza, C. A., Movasseggi, A. R., Sayi, S., Uehlinger, F. D., & Montgomery, J. B. (2020). Septic fibrinous pericarditis in 4 horses in Saskatchewan following an outbreak of forest tent caterpillars in 2017. *Can Vet J*, 61(7), 724-730.
  19. **Chapuis, R. J. J.,** Cesbron, N., Guintard, C., Fusellier, M. (2020). Ultrasonographic Examination of The Forelimb Joint Regions in Normal 1- To 2-Month-Old Holstein Calves. *Journal of Biomedical Science*, 1. doi:OAJBS.ID.000137
  20. Cheong, S. H., Fortune, J. E., Allen, J. J., Butler, W. R., & **Gilbert, R. O.** (2020). Androgen production in response to LH is impaired in theca cells from nonovulatory dominant follicles in early-postpartum dairy cows. *Domest Anim Endocrinol*, 71, 106385. doi:10.1016/j.domaniend.2019.106385
  21. Chilongo, K., Manyangadze, T., & **Mukaratirwa, S.** (2020). Effects of Human Settlements and Spatial Distribution of Wing Vein Length, Wing Fray Categories and Hunger Stages in *Glossina morsitans morsitans* (Diptera: Glossinidae) and *Glossina pallidipes* (Diptera: Glossinidae) in Areas Devoid of Cattle in North-Eastern Zambia. *J Med Entomol*. doi:10.1093/jme/tjaa228
  22. Choi, E., Charles, K., Charles, K., **Stewart, K.,** Morrall, C., & **Dennis, M.** (2020). Leatherback Sea Turtle (*Dermochelys coriacea*) Embryo and Hatchling Pathology in Grenada, with Comparison to St. Kitts. *Chelonian Conservation and Biology*, 19, 111. doi:10.2744/CCB-1395.1
  23. **Conan, A., Becker, A. A. M. J., Alava, V., Chapwanya, A., Carter, J., Roman, K., Avsaroglu, H., Gallagher, C. A.** (2020). Detection of *Coxiella burnetii* antibodies in sheep and cattle on a veterinary campus in St. Kitts: Implications for one health in the Caribbean region. *One Health*, 10, 100163. doi:<https://doi.org/10.1016/j.onehlt.2020.100163>
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  25. **Cruz Martinez, L., Agostini-Zamora, T., Claude, L., Sithole, F.,** & Stephen, C. (2020). Public Support, Knowledge, and Attitudes Towards Mongoose Control in St. Kitts, West Indies. *Caribbean Journal of Science*, 50. doi:10.18475/cjos.v50i2.a8
  26. Danisile, T., & **Mukaratirwa, S.** (2020). Forensic entomology research and application in southern Africa: A scoping review. *South African Journal of Science*, 116(5/6). doi:10.17159/sajs.2020/6065
  27. Dantas-Torres, F., **Ketzis, J.,** Mihalca, A. D., Baneth, G., Otranto, D., Tort, G. P., Traub, R. J. (2020). TroCCAP recommendations for the diagnosis, prevention and treatment of parasitic infections in dogs and cats in the tropics. *Vet Parasitol*, 283, 109167. doi:10.1016/j.vetpar.2020.109167
  28. David, K., Appleton, C. A., & **Mukaratirwa, S.** (2020). Environmental contamination and risk factors for geohelminth transmission in three informal settlements in Durban metropole, South Africa. *Journal of Parasitic Diseases*. doi:10.1007/s12639-020-01270-0
  29. David, L., Moldovan, B., Baldea, I., Olteanu, D., **Bolfa, P.,** Clichici, S., & Filip, G. A. (2020). Modulatory effects of *Cornus sanguinea* L. mediated green synthesized silver nanoparticles on oxidative stress, COX-2/NOS2 and NFkB/pNFkB expressions in experimental inflammation in Wistar rats. *Materials Science and Engineering: C*, 110, 110709. doi:<https://doi.org/10.1016/j.msec.2020.110709>
  30. Davis, D. A., Cox, P. A., Banack, S. A., Lecusay, P. D., Garamszegi, S. P., Hagan, M. J., **Beierschmitt, A.,** Mash, D. C. (2020). I-Serine Reduces Spinal Cord Pathology in a Vervet Model of Preclinical ALS/MND. *J Neuropathol Exp Neurol*. doi:10.1093/jnen/nlaa002
  31. Dazzi, C. C., Santos, A. D., Machado, T. P., Ataide, M. W., Rodriguez, R., **Muller-Pereira, A. M.,** Motta, A. C. D.

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32. de Alencar, N. X., Campos, S. D. E., Macieira, D. d. B., Suzano, S. M. d. C., & **Vieira, A. B.** (2020). Pathology in Practice. *J Am Vet Med Assoc*, 256(5), 559-562. doi:10.2460/javma.256.5.559
  33. **Dennis, M. M.**, Yeow, J. W. A., Nicolaci, B., **Sample, S. H.**, & **Freeman, M. A.** (2020). Meningitis associated with dracunculid nematodes in a spotted eagle ray (*Aetobatus narinari*). *J Fish Dis*, 43(6), 711-713. doi:10.1111/jfd.13160
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