



Research output 2019 – Preventive veterinary medicine

Ackermann, Mathias; Hatt, Jean-Michel, To treat or not to treat? 2019 Veterinary Record Case Reports, 10.1136/vetreccr-2019-000847.

Anderegg L, Im Hof Gut M, Hetzel U, Howerth EW, Leuthard F, Kyöstilä K, Lohi H, Pettitt L, Mellersh C, Minor KM, Mickelson JR, Batcher K, Bannasch D, Jagannathan V, Leeb T. NME5 frameshift variant in Alaskan Malamutes with primary ciliary dyskinesia. PLoS Genet. 2019 Sep 3;15(9):e1008378. doi: 10.1371/journal.pgen.1008378. eCollection 2019 Sep.

Braun U, Hilbe M, Peterhans E, Schweizer M. Border disease in cattle. Review. Vet J. 2019 Apr;246:12-20. doi: 10.1016/j.tvjl.2019.01.006.

Braun U, Wiest A, Lutz T, Riond B, Stirn M, Hilbe M, Baumgartner MR, Binz TM. Hair cortisol concentration in veal calves reared under two different welfare production labels. Res Vet Sci. 2019. 123:286-292.

Braun U, Wiest A, Lutz T, Riond B, Hilbe M, Baumgartner M, Binz T. Hair cortisol concentration in clinically healthy slaughter calves with and without chronic bronchopneumonic lesions. Schweiz Arch Tierheilkd. 2019 Oct;161(10):639-647.

Bucher B., Bleul U. (2019). Die Auswirkung des selektiven Trockenstellens auf die Eutergesundheit in Schweizer Milchviehbetrieben. Schweiz. Arch. Tierheilkd., 161 (9); 533-44.

Echtermann, Thomas; Müntener, Cedric R; Sidler, Xaver; Kümmerlen, Dolf (2019). Antimicrobial drug consumption on Swiss pig farms: a comparison of Swiss and European defined daily and course doses in the field. Frontiers in Veterinary Science, 6:240.

Ernstberger, M., Oehl, H., Haessig, M., Hartnack, S. and Bollwein, H., 2019. Predicting the probability of conception in dairy cows with clinical endometritis based on a combination of anamnestic information and examination results. *Theriogenology*, 138, pp.127-136.

Fiedler A, Maierl J, Nuss K. Funktionelle Klauenpflege. In: Fiedler A, Maierl J, Nuss K, Hrsg. Erkrankungen der Klauen und Zehen des Rindes. 2. Aufl. Stuttgart: Schattauer Verlag; 2019.

Frankenfeld J, Meili T, Meli ML, Riond B, Helfer-Hungerbuehler AK, Bönzli E, Pineroli B, Hofmann-Lehmann R., Decreased Sensitivity of the Serological Detection of Feline Immunodeficiency Virus



Infection Potentially Due to Imported Genetic Variants. *Viruses*. 2019 Jul 31;11(8). pii: E697. doi: 10.3390/v11080697.

Tony M Glaus, Jonathan Elliott, Esther Herberich, Tanja Zimmering, Balazs Albrecht. Efficacy of Long-Term Oral Telmisartan Treatment in Cats With Hypertension: Results of a Prospective European Clinical Trial. *J Vet Intern Med*. 2019 Mar;33(2):413-422. PMID: 30561059 PMCID: PMC6430888 DOI: 10.1111/jvim.15394.

Gueldener, E., K., Gilli, U., Strube, C., Schnyder, M.: Seroprevalence, biogeographic distribution and risk factors for *Aelurostrongylus abstrusus* infections in Swiss cats, *Veterinary Parasitology* 266 (2019) 27-33. doi: 10.1016/j.vetpar.2018.12.013.

Gunst S., Dittmann M.T., Arpagaus S., Roepstorff C., Latif S.N., Klaassen B., Pauli C.A., Bauer C.M. & Weishaupt M.A. Influence of functional rider and horse asymmetries on saddle force distribution during during stance and in sitting trot. *Journal of Equine Veterinary Research* (2019) 78, 20-28.

Hässig, Michael; Depka, D; Boo, G; Fabrikant, S I; Torgerson, Paul R (2019). Räumliche Unterschiede in der Prävalenz von Rinderkrankheiten in einer Nutztierpraxis. *Schweizer Archiv für Tierheilkunde*, 161(2):85-92.

Hatt J-M, Kummrow MS, Wenger S, Clauss M (2019) Orchiectomy in *Testudo* species: technical aspects and effect on courtship behaviour. *Veterinary Record* 184: 555-560.

Kümmerlen, Dolf; Hartmann, S; Riklin, A; Figi, R; Sidler, Xaver (2019). Untersuchung von Tiergesundheit, Tierwohl und Biosicherheit während 101 Transporten von Mastferkeln in der Schweiz. *Schweizer Archiv für Tierheilkunde*, 161(3):153-163.

Kümmerlen Dolf, Echtermann Thomas, von Gerlach Felipa, Müntener Cedric, Sidler Xaver. Untersuchung des Antibiotikaverbrauchs in 598 Schweinebeständen in der Schweiz. *Schweiz Arch Tierheilkd*. 2019 Dec;161(12):809-820.

Lechmann, Julia; Schoster, Angelika; Ernstberger, Martina; Fouché, Nathalie; Fraefel, Cornel; Bachofen, Claudia, A novel PCR protocol for detection and differentiation of neuropathogenic and non-neuropathogenic equid alphaherpesvirus 1, *J Vet Diagn Invest*. 2019 Sep;31(5):696-703. doi: 10.1177/1040638719871975.

Lutz K, M Hartnack, S Reichler I. M., Spaying dogs before or after the onset of puberty: Different risk for acquired urinary incontinence? *Reprod Dom Anim* 2019; 54: 77-78.



Lutz, K.M., Hartnack, S. and Reichler, I.M., 2019. Do prevalence rates and severity of acquired urinary incontinence differ between dogs spayed by laparoscopy or laparotomy? Comparing apples with apples with a matched-pair cohort study. *Veterinary Surgery*. Nov 3. doi: 10.1111/vsu.13343.

Niozas, G; Tsousis, G; Malesios, C; Steinhöfel, I; Boscós, C; Bollwein, Heiner; Kaske, Martin (2019). Extended lactation in high-yielding dairy cows. II. Effects on milk production, udder health, and body measurements. *Journal of Dairy Science*, 102(1):811-823.

Niozas, G; Tsousis, G; Steinhöfel, I; Brozos, C; Römer, A; Wiedemann, S; Bollwein, Heiner; Kaske, Martin (2019). Extended lactation in high-yielding dairy cows. I. Effects on reproductive measurements. *Journal of Dairy Science*, 102(1):799-810.

Nuss K, Muller J, Wiestner T. Effects of induced weight shift in the hind limbs on claw loads in dairy cows. *J Dairy Sci* 2019; 102: 6431-6441.

Oehm, A.W., Knubben-Schweizer, G., Rieger, A., Stoll, A. and Hartnack, S., 2019. A systematic review and meta-analyses of risk factors associated with lameness in dairy cows. *BMC Veterinary Research*, 15(1), p.346.

Ruchti, Sabrina; Kratzer, Gilles; Furrer, Reinhard; Hartnack, Sonja; Würbel, Hanno; Gebhardt-Henrich, Sabine G (2019). Progression and risk factors of pododermatitis in part-time group housed rabbit does in Switzerland. *Preventive Veterinary Medicine*, 166:56-64.

Schiffmann C, Baumeier A, Clauss M, Hoby S (2019) Impact of a new exhibit on stereotypic behaviour in an elderly captive African elephant. *Journal of Zoo and Aquarium Research* 7:37-43.

Schiffmann C, Clauss M, Hoby S, Codron D, Hatt J-M (2019) Body Condition Scores (BCS) in European zoo elephants (*Loxodonta africana* and *Elephas maximus*) lifetimes – a longitudinal analysis. *Journal of Zoo and Aquarium Research* 7:74-86.

Spiri AM, Meli ML, Riond B, Herbert I, Hosie MJ, Hofmann-Lehmann R., Environmental Contamination and Hygienic Measures After Feline Calicivirus Field Strain Infections of Cats in a Research Facility. *Viruses*. 2019 Oct 17;11(10). pii: E958. doi: 10.3390/v11100958.

Studer, N., H. Lutz, C. Saegerman, E. Gonczi, M. L. Meli, G. Boo, K. Hartmann, M. J. Hosie, K. Moestl, S. Tasker, S. Belak, A. Lloret, C. Boucraut-Baralon, H. F. Egberink, M. G. Pennisi, U. Truyen, T. Frymus, E. Thiry, F. Marsilio, D. Addie, M. Hochleithner, F. Tkalec, Z. Vizi, A. Brunetti, B. Georgiev,



L. F. Ludwig-Begall, F. Tschuor, C. T. Mooney, C. Eliasson, J. Orro, H. Johansen, K. Juuti, I. Krampfl, K. Kovalenko, J. Sengaut, C. Sobral, P. Borska, S. Kovarikova, and R. Hofmann-Lehmann., Pan-European Study on the Prevalence of the Feline Leukaemia Virus Infection - Reported by the European Advisory Board on Cat Diseases (ABCD Europe). *Viruses*. 2019 Oct 29;11(11). pii: E993. doi: 10.3390/v11110993.

Wendler P, Ertl N, Flügger M, Sós E, Schiffmann C, Clauss M, Hatt J-M (2019) Foot health of Asian elephants (*Elephas maximus*) in European zoos. *Journal of Zoo and Wildlife Medicine* 50: 513-527.

Windbichler K, Michalopoulou E, Palamides P, Pesch T, Jelinek C, Vapalahti O, Kipar A, Hetzel U, Hepojoki J. Antibody response in snakes with boid inclusion body disease. *PLoS One*. 2019 Sep 9;14(9):e0221863. doi: 10.1371/journal.pone.0221863. eCollection 2019.