

List of Publications

Monika Hilbe, Dr. med. vet., DiplECVP, FVH (Pathologie)

1. Concurrent endocrine neoplasias in dogs and cats: a retrospective study (2004-2014). Beatrice L, Boretti FS, Sieber-Ruckstuhl NS, Mueller C, Kümmerle-Fraune C, **Hilbe M**, Grest P, Reusch CE. *Vet Rec.* 2018 Jan 19. pii: vetrec-2016-104199. doi: 10.1136/vr.104199. [Epub ahead of print]
2. Oral application of recombinant *Bacillus subtilis* spores to dogs results in a humoral response against specific *Echinococcus granulosus* paramyosin and tropomyosin antigens. Vogt CM, Armúa-Fernández MT, Tobler K, **Hilbe M**, Aguilar C, Ackermann M, Deplazes P, Eichwald C. *Infect Immun.* 2017 Dec 11. pii: IAI.00495-17. doi: 10.1128/IAI.00495-17. [Epub ahead of print]
3. Clinical cystoisosporosis associated to porcine cytomegalovirus (PCMV, Suid herpesvirus 2) infection in fattening pigs. Basso W, Marti H, **Hilbe M**, Sydler T, Stahel A, Bürgi E, Sidler X. *Parasitol Int.* 2017 Sep 20. pii: S1383-5769(17)30344-6.
4. Amyloid fibril systems reduce, stabilize and deliver bioavailable nanosized iron. Shen Y, Posavec L, Bolisetty S, Hilty FM, Nyström G, Kohlbrecher J, **Hilbe M**, Rossi A, Baumgartner J, Zimmermann MB, Mezzenga R. *Nat Nanotechnol.* 2017 Apr 24.
5. Variation in fat content between liver lobes and comparison with histopathological scores in dairy cows with fatty liver. Gerspach C, Imhasly S, Klingler R, **Hilbe M**, Hartnack S, Ruetten M. *BMC Vet Res.* 2017 Apr 12;13(1):98.
6. Comparison of Clinical and Pathological Diagnoses in Cats and Dogs. Schertenleib TI, Pospischil A, Hässig M, Kircher PR, **Hilbe M**. *J Comp Pathol.* 2017 Feb 20.
7. The Post-mortem Examination in Ruminants and its Possible Benefit to Ruminant Clinical Medicine. Wäsle K, Pospischil A, Hässig M, Gerspach C, **Hilbe M**. *J Comp Pathol.* 2017 Feb 14.
8. Chemical Composition but Not Specific Surface Area Affects Calcium Retention of Nanostructured Calcium Compounds in Growing Rats. Posavec L, Hilty FM, Baumgartner J, Buntting H, **Hilbe M**, Kruger M, Krumeich F, Grobler AF, Zimmermann MB. *J Nutr.* 2017 Feb 1.
9. Abscess of the cervical spine secondary to injection site infection in a heifer. Braun U, Gerspach C, Kühn K, Bünter J, **Hilbe M**. *Acta Vet Scand.* 2017 Jan 31;59(1):10.
10. Frequency and Pathological Phenotype of Bovine Astrovirus CH13/NeuroS1 Infection in Neurologically-Diseased Cattle: Towards Assessment of Causality. Selimovic-Hamza S, Boujon CL, **Hilbe M**, Oevermann A, Seuberlich T. *Viruses.* 2017 Jan 18;9(1).
11. Safety and efficacy of cardiopoietic stem cells in the treatment of post-infarction left-ventricular dysfunction - From cardioprotection to functional repair in a translational pig infarction model. Emmert MY, Wolint P, Jakab A, Sheehy SP, Pasqualini FS, Nguyen TD, **Hilbe M**, Seifert B, Weber B,

- Brokopp CE, Macejovska D, Caliskan E, von Eckardstein A, Schwartlander R, Vogel V, Falk V, Parker KK, Gyöngyösi M, Hoerstrup SP. *Biomaterials*. 2016 Nov 23;122:48-62
12. Neuronal ceroid lipofuscinosis (NCL) is caused by the entire deletion of CLN8 in the Alpenländische Dachsbracke dog. Hirz M, Drögemüller M, Schänzer A, Jagannathan V, Dietschi E, Goebel HH, Hecht W, Laubner S, Schmidt MJ, Steffen F, **Hilbe M**, Köhler K, Drögemüller C, Herden C. *Mol Genet Metab*. 2016 Dec 19.
 13. Palatal wound healing using a xenogeneic collagen matrix - histologic outcomes of a randomized controlled clinical trial. Thoma DS, **Hilbe M**, Bienz S, Sancho M, Hämmerle CH, Jung RE. *J Clin Periodontol*. 2016 Sep 12.
 14. Randomized controlled clinical study evaluating effectiveness and safety of a volume-stable collagen matrix compared to autogenous connective tissue grafts for soft tissue augmentation at implant sites. Thoma DS, Zeltner M, **Hilbe M**, Hämmerle CH, Hüsler J, Jung RE. *J Clin Periodontol*. 2016 Jun 16.
 15. A missense mutation in TUBD1 is associated with high juvenile mortality in Braunvieh and Fleckvieh cattle. Schwarzenbacher H, Burgstaller J, Seefried FR, Wurmser C, **Hilbe M**, Jung S, Fuerst C, Dinhopf N, Weissenböck H, Fuerst-Waltl B, Dolezal M, Winkler R, Grueter O, Bleul U, Wittek T, Fries R, Pausch H. *BMC Genomics*. 2016 May 25;17(1).
 16. Comparison of Serum Spec fPL™ and 1,2-o-Dilauryl-Rac-Glycero-3-Glutaric Acid-(6'-Methylresorufin) Ester Assay in 60 Cats Using Standardized Assessment of Pancreatic Histology. Oppliger S, **Hilbe M**, Hartnack S, Zini E, Reusch CE, Kook PH. *J Vet Intern Med*. 2016.
 17. Clinical and echocardiographic findings in an 8 year old Brown Swiss cow with myocardial abscess. Gerspach C, Schwarzwald CC, **Hilbe M**, Buczinski S. *J Vet Cardiol*. 2016 Feb 15.
 18. Penetration depth of corneal cross-linking with riboflavin and UV-A (CXL) in horses and rabbits. Gallhoefer NS, Spiess BM, Guscetti F, **Hilbe M**, Hartnack S, Hafezi F, Pot SA. *Vet Ophthalmol*. 2015 Jul 27.
 19. Ulzerierende Colitis und Proktitis bei zwei Braunviehkühen. U. Braun, **M. Hilbe**, C. Gerspach, M. Ruetten. *Schweiz. Archiv Tierheilk.*, Band 157, Heft 4 April 2015, 203-208.
 20. Transmission of border disease virus from a persistently infected calf to seronegative heifers in early pregnancy. Braun U, **Hilbe M**, Janett F, Hässig M, Zanoni R, Frei S, Schweizer M. *BMC Vet Res*. 2015 Feb 22;11(1):43.
 21. Valvulopathy consistent with endocarditis in an Argentine boa (*Boa constrictor occidentalis*). Wernick MB, Novo-Matos J, Ebling A, Kühn K, Ruetten M, **Hilbe M**, Howard J, Chang R, Prohaska S, Hatt JM. *J Zoo Wildl Med*. 2015 Mar;46(1):124-9.
 22. Pulmonary Arterial Lesions in New World Camelids in Association With *Dicrocoelium dendriticum* and *Fasciola hepatica* Infection. **Hilbe M**, Robert N, Pospischil A, Gerspach C. *Vet Pathol*. 2015 Jan 30.

23. Spina bifida aperta bei einem Schaflamm. Gutzwiller N, **Hilbe M**, Kircher P, Bleul U. Schweiz Arch Tierheilkd. Januar 2015, 49-54.
24. Laboratory diagnosis of ruminant abortion in Europe. Borel N, Frey CF, Gottstein B, **Hilbe M**, Pospischil A, Franzoso FD, Waldvogel A. Vet J. 2014 May;200(2):218-29.
25. -Abnormal regurgitation in three cows caused by intrathoracic periesophageal lesions. Braun U, Schwarzwald C, Ohlerth S, Frei S, **Hilbe M**. Acta Vet Scand. 2014 Mar 14;56:14
26. Acinar Cell Carcinoma of Exocrine Pancreas in Two Horses. de Brot S, Junge H, **Hilbe M**. J Comp Pathol. 2014
27. Border disease in persistently infected calves: radiological and pathological findings. Frei S, Braun U, Dennler M, **Hilbe M**, Stalder HP, Schweizer M, Nuss K. Vet Rec. 2014
28. Chlamydiae and Chlamydia-like organisms in free-living small mammals in Europe and Afghanistan. Stephan S, Guerra D, Pospischil A, **Hilbe M**, Weissenböck H, Novotný L, Greub G, Croxatto A, Teifke JP, Ulrich RG, Schlegel M, Ruhl S, Schotte U, Binder A, Sauer S, Borel N. J Wildl Dis.
29. Primary central nervous system T-cell lymphoma mimicking meningoencephalomyelitis in a cat. Guil-Luna S, Carrasco L, Gómez-Laguna J, **Hilbe M**, Mínguez JJ, Köhler K, de Las Mulas JM. Can Vet J. 2013 Jun;54(6):602-5.
30. Bovine besnoitiosis in Switzerland: Imported cases and local transmission. Basso W, Lesser M, Grimm F, **Hilbe M**, Sydler T, Trösch L, Ochs H, Braun U, Deplazes P.
31. Pathology in Practice. Wernick MB, **Hilbe M**, Kaufmann-Bart M, Albin S, Hoop RK, Hatt JM. J Am Vet Med Assoc. 2013 Oct 15;243(8):1117-1119.
32. Pulmonary alveolar microlithiasis with concurrent pleural mesothelioma in a dog. de Brot S, **Hilbe M**. J Vet Diagn Invest. 2013 Sep 30.
33. Persistent infections after natural transmission of bovine viral diarrhoea virus from cattle to goats and among goats. Bachofen C, Vogt HR, Stalder H, Mathys T, Zanoni R, **Hilbe M**, Schweizer M, Peterhans E. Vet Res. 2013 May 15;44(1):32. doi: 10.1186/1297-9716-44-32.
34. Internal herniation of the small and large intestines in 18 cattle. Ruf-Ritz J, Braun U, **Hilbe M**, Muggli E, Trösch L, Nuss K. Vet J. 2013 Mar 5.
35. Apoptosis in Bovine Viral Diarrhea Virus (BVDV)-Induced Mucosal Disease Lesions: A Histological, Immunohistological, and Virological Investigation. **Hilbe M**, Girao V, Bachofen C, Schweizer M, Zlinszky K, Ehrensperger F. Vet Pathol. Vet Pathol. 2013 Jan;50(1):46-55.
36. Laborjournal 12/2012. Platz 48 von 50; Publikationsanalyse Tiermedizin 2006-2009, „meistzitierte Köpfe“.

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38. Evidence for Chlamydia in wild mammals of the serengeti. Pospischil A, Kaiser C, Hofmann-Lehmann R, Lutz H, **Hilbe M**, Vaughan L, Borel N.J *Wildl Dis.* 2012 Oct;48(4):1074-8. doi: 10.7589/2011-10-298.
39. Transcriptional targeting of DCs with lentiviral vectors induces antigen-specific tolerance in a mouse model of multiple sclerosis. de Andrade Pereira B, Fraefel C, **Hilbe M**, Ackermann M, Dresch C. *Gene Ther.* 2012 Sep 6.
40. Gastrointestinal Stromal Tumor in the Cecum of a Horse. S. Stephan, S. Hug and **M. Hilbe**. *Case Reports in Veterinary Medicine*, Volume 2012, Article ID 301498, 5 pages, Hindawi Publishing Corporation.
41. [Squamous cell carcinoma of the reticulum and liver in a Simmental cow]. Braun U, Trösch L, Koschwanez M, Rütten M, **Hilbe M**. *Schweiz Arch Tierheilkd.* 2012 Aug;154(8):331-5.
42. Transplantation and tracking of human-induced pluripotent stem cells in a pig model of myocardial infarction: assessment of cell survival, engraftment, and distribution by hybrid single photon emission computed tomography/computed tomography of sodium iodide symporter transgene expression. Templin C, Zweigerdt R, Schwanke K, Olmer R, Ghadri JR, Emmert MY, Müller E, Küest SM, Cohrs S, Schibli R, Kronen P, **Hilbe M**, Reinisch A, Strunk D, Haverich A, Hoerstrup S, Lüscher TF, Kaufmann PA, Landmesser U, Martin U. *Circulation.* 2012 Jul 24;126(4):430-9.
43. HSV-1 Amplicon Vectors Launch the Production of Heterologous Rotavirus-like Particles and Induce Rotavirus-specific Immune Responses in Mice. Laimbacher AS, Esteban LE, Castello AA, Abdusetir Cerfoglio JC, Argüelles MH, Glikmann G, D'Antuono A, Mattion N, Berois M, Arbiza J, **Hilbe M**, Schraner EM, Seyffert M, Dresch C, Epstein AL, Ackermann M, Fraefel C. *Mol Ther.* 2012 Jun 19.
44. Comparative spatiotemporal analysis of the intrathecal immune response in natural listeric rhombencephalitis of cattle and small ruminants. Di Palma S, Brunetti B, Doherr MG, Forster U, **Hilbe M**, Zurbriggen A, Vandeveld M, Oevermann A. *Comp Immunol Microbiol Infect Dis.* 2012 Apr 24.
45. New World camelids and Bovine Virus Diarrhea Virus (BVDV) infection in Switzerland. **Hilbe M**, Kaufmann Ch, Zlinszky K, Zanolari P, Ehrensperger F. *Schweiz Arch Tierheilkd.* 2012 Apr;154(4):155-8.
46. Biodegradable Sleeves for Metal Implants to Prevent Implant-Associated Infection: An Experimental In Vivo Study in Sheep. von Plocki SC, Armbruster D, Klein K, Kämpf K, Zlinszky K, **Hilbe M**, Kronen P, Gruskin E, von Rechenberg B. *Vet Surg.* 2012 Jan 12.