

List of Publications

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1. Influenza A (H10N7) virus causes respiratory tract disease in harbor seals and ferrets. van den Brand JM, Wohlsein P, Herfst S, Bodewes R, Pfankuche VM, van de Bildt MW, **Seehusen F**, Puff C, Richard M, Siebert U, Lehnert K, Bestebroer T, Lexmond P, Fouchier RA, Prenger-Berninghoff E, Herbst W, Koopmans M, Osterhaus AD, Kuiken T, Baumgärtner W. PLOS ONE. 2016, 11:e0159625
2. Accumulation of extracellular matrix in advanced lesions of canine distemper demyelinating encephalitis. **Seehusen F**, Al-Azreg SA, Raddatz BB, Haist V, Puff C, Spitzbarth I, Ulrich R, Baumgärtner W. PLOS ONE. 2016, 11:e0159752
3. Axonopathy in the central nervous system is the hallmark of mice with a novel intragenic null mutation of dystonin. **Seehusen F**, Kiel K, Jottini S, Wohlsein P, Habierski A, Seibel K, Vogel T, Urlaub H, Kollmar M, Baumgärtner W, Teichmann U. Genetics. 2016, 204:191-203
4. Immunohistochemical and transcriptome analyses indicate complex breakdown of axonal transport mechanisms in canine distemper leukoencephalitis. Spitzbarth I, Lempp C, Kegler K, Ulrich R, Kalkuhl A, Deschl U, Baumgärtner W, **Seehusen F**. Brain Behav. 2016, e00472
5. Kongenitale und letale Semi-Haarlosigkeit bei einem Angler-Holstein-Kreuzungskalb. Reinartz S, Schwittlick U, **Seehusen F**, Distl O. Berl Münch Tierärztl Wochenschr. 2016, 129:177-184
6. Mutations in the Schmallenberg virus Gc glycoprotein facilitate cellular protein synthesis shutoff and restore pathogenicity of NSs deletion mutants in mice. Varela M, Pinto R, Caporale M, Piras I, Taggart A, **Seehusen F**, Hahn K, Janowicz A, Marciel de Souza W, Baumgärtner W, Shi X, Palmarini M. J Virol. 2016, 90:5440-5450
7. Risk of infection after iatrogenic perforation of the gut wall? Evaluation of preventive strategies in a randomized controlled animal trial. Ellrichmann M, Dhar S, Haderl KG, **Seehusen F**, Cuming T, Feßler AT, Niemann H, Schwarz S, Fritscher-Ravens A. Surg Endosc. 2016, 30:3077-3088
8. Spatiotemporal analysis of the genetic diversity of seal influenza A (H10N7) virus, Northwestern Europe. Bodewes R, Zohari S, Krog JS, Hall MD, Harder TC, Bestebroer TM, van de Bildt MW, Spronken MI, Larsen LE, Siebert U, Wohlsein P, Puff C, **Seehusen F**, Baumgärtner W, Härkönen T, Smits SL, Herfst S, Osterhaus AD, Fouchier RA, Koopmans MP, Kuiken T. J Virol. 2016, 90:4269-4277
9. TECPR2-associated neuroaxonal dystrophy in Spanish water dogs. Hahn K, Rohdin C, Jagannathan V, Wohlsein P, Baumgärtner W, **Seehusen F**, Spitzbarth I, Grandon R, Drögemüller C, Jäderlund KH. PLOS ONE. 2015, 10:e0141824
10. Contribution of Schwann cells to remyelination in a naturally occurring canine model of CNS neuroinflammation. Kegler K, Spitzbarth I, Imbschweiler I, Wewetzer K, Baumgärtner W, **Seehusen F**. PLOS ONE. 2015, 10:e0133916

11. Re-emergence of haemorrhagic septicaemia in ungulates in Lower-Saxony in Germany. Völker I, Kehler W, Hewicker-Trautwein M, **Seehusen F**, Verspohl J, Bilk S, Baumgärtner W. *Vet Rec.* 2014, 175:460
12. Infiltrativ wachsendes Adenokarzinom im Jejunum eines Zwergkaninchens (*Oryctolagus cuniculi*) Köstlinger S, **Seehusen F**, Baur K, Hungerbühler S, Fehr M. *Kleintierpraxis.* 2014, 59: 549-555
13. New aspects of the pathogenesis of canine distemper leukoencephalitis. Lempp C, Spitzbarth I, Puff C, Cana A, Kegler K, Techangamsuwan S, Baumgärtner W, **Seehusen F**. *Viruses.* 2014, 6:2571-2601
14. Skeletal muscle hypoplasia represents the only significant lesion in peripheral organs of ruminants infected with Schmallenberg virus during gestation. **Seehusen F**, Hahn K, Herder V, Weigand M, Habierski A, Gerhauser I, Wohlsein P, Peters M, Varela M, Palmarini M, Baumgärtner W. *J Comp Pathol.* 2014, 151:148-152
15. NSs protein of Schmallenberg virus counteracts the antiviral response of the cell by inhibiting its transcriptional machinery. Barry G, Varela M, Ratinier M, Blomström AL, Caporale M, **Seehusen F**, Hahn K, Schnettler E, Baumgärtner W, Kohl A, Palmarini M. *J Gen Virol.* 2014, 95:1640-1646
16. Endoscopic ultrasound-guided lymph node ablation with a novel radiofrequency ablation probe: feasibility study in an acute porcine model. Sethi A, Ellrichmann M, Dhar S, Haderl KG, Kahle E, **Seehusen F**, Klapper W, Habib N, Fritscher-Ravens A. *Endoscopy.* 2014, 46:411-415
17. An essential role of invasin for colonization and persistence of *Yersinia enterocolitica* in its natural reservoir host, the pig. Schaake J, Drees A, Grüning P, Uliczka F, Pisano F, Thiermann T, von Altröck A, **Seehusen F**, Valentin-Weigand P, Dersch P. *Infect Immun.* 2014, 82:960-969
18. Oral squamous cell carcinoma in a red deer (*Cervus elaphus*). Ulrich R, Teifke JP, Voigt U, **Seehusen F**. *J Wildl Dis.* 2014, 50:113-116
19. "Brachyspira hamptonii" clade I isolated from Belgian pigs imported to Germany. Rohde J, Habighorst-Blome K, **Seehusen F**. *Vet Microbiol.* 2014, 168:432-435
20. Causes of death in calves with experimentally induced bovine neonatal pancytopenia (BNP). Henniger P, Henniger T, **Seehusen F**, Distl O, Ganter M. *Berl Münch Tierärztl Wochenschr.* 2014, 127:61-69
21. Peripheral primitive neuroectodermal tumour in a dog. Junginger J, Röthlisberger A, Lehmecker A, Stein VM, Ludwig DC, Baumgärtner W, **Seehusen F**. *J Comp Pathol.* 2013, 149:424-428
22. Nachweis von *Mycoplasma gallisepticum* bei einem wildlebenden Gimpel (*Pyrrhula pyrrhula*) mit Sinusitis und Konjunktivitis. Legler M, **Seehusen F**, Ryll M. *Tierärztliche Umschau.* 2013, 68:393-395

23. Squamous cell carcinoma in an aged German Landrace sow (*Sus scrofa domestica*). von Altmann A, Dühlmeier R, Waldmann K, Baumgärtner W, **Seehusen F**. Berl Münch Tierärztl Wochenschr. 2013, 126:264-268
24. Vaginal canine transmissible venereal tumour associated with intra-tumoural *Leishmania* spp. amastigotes in an asymptomatic female dog. Kegler K, Habierski A, Hahn K, Amarilla SP, **Seehusen F**, Baumgärtner W. J Comp Pathol. 2013, 49:156-161
25. Molecular detection of Hepatitis E virus in German domestic pigs. Bächlein C, **Seehusen F**, Nathues H, große Beilage E, Baumgärtner W, Grummer B. Berl Münch Tierärztl Wochenschr. 2013, 126:25-31
26. *Pemphigus foliaceus* bei einer 6-jährigen Oldenburger Stute. Uhlendorf F, Cavalleri JM, **Seehusen F**, Saba-Buttkewitz R, Beineke A, Feige K. Pferdespiegel. 2012, 4:137-141
27. Interleukin-10 expression during the acute phase is a putative prerequisite for delayed viral elimination in a murine model for multiple sclerosis. Herder V, Gerhauser I, Klein SK, Almeida P, Kummerfeld M, Ulrich R, **Seehusen F**, Rohn K, Schaudien D, Baumgärtner W, Huehn J, Beineke A. J Neuroimmunol. 2012, 249:27-39
28. Interleukin-10 expression during the acute phase is a putative prerequisite for delayed viral elimination in a murine model for multiple sclerosis. Herder V, Gerhauser I, Klein SK, Almeida P, Kummerfeld M, Ulrich R, **Seehusen F**, Rohn K, Schaudien D, Baumgärtner W, Huehn J, Beineke A. J Neuroimmunol. 2012, 249:27-39
29. Periventricular demyelination and axonal pathology is associated with subependymal virus spread in a murine model for multiple sclerosis. Kummerfeld M, **Seehusen F**, Klein S, Ulrich R, Kreutzer R, Gerhauser I, Herder V, Baumgärtner W, Beineke A. Intervirology. 2012, 55:401-416
30. Increased p75 neurotrophin receptor expression in the canine distemper virus model of multiple sclerosis identifies aldynoglia Schwann cells that emerge in response to axonal damage. Imbschweiler I, **Seehusen F**, Peck CT, Omar M, Baumgärtner W, Wewetzer K. Glia, 2012, 60:358-371
31. Axonopathy is associated with complex axonal transport defects in a model of multiple sclerosis. Kreutzer M, **Seehusen F**, Kreutzer R, Pringproa K, Kummerfeld M, Claus P, Deschl U, Kalkuhl A, Beineke A, Baumgärtner W, Ulrich R. Brain Pathol. 2012, 22:454-471