

List of Publications

Udo Hetzel, Dr. rer. nat., Dr. med. vet., DiplBiol, FTA Pathologie, MRCVS

Articles in international peer-reviewed journals

1. Meyer W, Saglam M, Tanyolac A, Schwarz R, **Hetzel U**, 1997. Histochemical and biochemical studies of the circannual aspects of carbohydrate-dependent energy metabolism of the hair follicles of Turkish Angora goats. *Schweiz. Arch. Tierheilk.* 139(2), 78-83.
2. Lubatschowski H, **Hetzel U**, Kermani O, Ziolk C, Drommer W, Ertmer W, 1997. Photoablation of the cornea with a Q-switched Er:YAG laser. Medical applications of lasers in dermatology, ophthalmology, dentistry and endoscopy, *Proc Soc Photo-optical Instr Engin* 3192, 175-179.
3. Lubatschowski H, Maatz G, Heisterkamp A, **Hetzel U**, Drommer W, Welling H, Ertmer W, 2000. Application of ultrashort laser pulses for intrastromal refractive surgery. *Graefes Arch. Clin. Exp. Ophthalmol.* 238, 33-39.
4. Rudat S, Steinhagen D, **Hetzel U**, Drommer W, Körting W, 2000. Cytopathological observations on renal tubule epithelium cells in common carp *Cyprinus carpio* under *Trypanoplasma borreli* (Protozoa: Kinetoplastida) infection. *Dis. Aquat Organ.* 40, 203-209.
5. Bunnajirakul S, Steinhagen D, **Hetzel U**, Korting W, Drommer W. 2000: A study of sequential histopathology of *Trypanoplasma borreli* (Protozoa: Kinetoplastida) in susceptible common carp *Cyprinus carpio*. *Dis. Aquat. Organ.* 39, 221-229.
6. Mecklenburg L, **Hetzel U**, Ueberschaer S. 2000: Epidermolytic ichthyosis in a dog: clinical, histopathological, immunohistochemical and ultrastructural findings. *J. Comp. Pathol.* 122: 307-311.
7. Lohmann B, Hertslet S, **Hetzel U**, Burkhardt E. 2000: Malignant corneal melanoma in a European Shorthair cat. *Kleintierpraxis* 45,: 543-549.
8. Kipar A, Leutenegger CM, **Hetzel U**, Akens MK, Mislin CN, Reinacher M, Lutz H. 2001: Cytokine mRNA levels in isolated feline monocytes. *Vet. Immunol. Immunopathol.* 78, 305-315.
9. Ohnesorge B, Ameer K, **Hetzel U**, Luetkefels E, Drommer W, Deegen E. 2001: Transendoscopic laser surgery of guttural pouch tympany in foals - an endoscopic, light- and electron microscopic study. *Tierärztl. Praxis K* 29(1), 59-65 [article in German].
10. Kipar A, **Hetzel U**, Armien AG, Baumgärtner W. 2001: Bilateral focal cerebral angiomatosis associated with nervous signs in a cat. *Vet. Pathol.* 38, 350-353.
11. Zwart P, **Hetzel U**, Dik KJ. 2001: Osteitis deformans and concomitant inclusion body disease in a boa (*Boa constrictor*). *Verh.ber. Erkr. Zootiere* 40, 61-66.
12. Hackenbroich C, Flöck A, **Hetzel U**, König A, Kramer M, Berthold LD, Alzen G, Bonath KH. 2001: Discospondylitis in a Cuban crocodile (*Crocodylus rhombifer*): diagnosis and therapy. *Verh.ber. Erkr. Zootiere* 40, 41-49.
13. Hackenbroich C, Flöck A, **Hetzel U**, König A, Kramer M, Berthold LD, Alzen G. 2001. Discospondylitis in a Cuba crocodile (*Crocodylus rhombifer*): Case report with emphasis on diagnosis by computed tomography. *Tierärztl. Praxis K* 29, 399-405 [article in German].

14. Köhler K, Stechele M, **Hetzel U**, Domingo M, Zahner H, Burkhardt E. 2002: Cutaneous leishmaniasis in a horse in Southern Germany caused by *Leishmania infantum*. Vet. Parasitol. 109: 9-17.
15. Plesker R, Coulibaly C, **Hetzel U**, 2002: A spontaneous uterine sarcoma in a rhesus monkey (*Macaca mulatta*). J. Vet. Med. B 49, 427-429.
16. Brandstätter F, Osmann C, **Hetzel U**, 2002: Ungewöhnlicher Mageninhalt eines Humboldtpinguins (*Spheniscus humboldti*). Zool. Garten N.F. 72, 459-460 [article in German].
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19. Herden C, Beineke A, **Hetzel U**, Lemmer W, Baumgärtner W. 2003: Unusual manifestation of hepatic encephalopathy in two Irish wolfhound siblings. Vet. Rec. 153, 682-686.
20. Willuhn J, **Hetzel U**, Preuss D, Zebisch K. 2003: Seminoma in a Brown Housesnake (*Lamprophis fuliginosus fuliginosus*). Tierärztliche Praxis K 31(3), 176-179 [article in German].
21. Litzke LE, Wagner E, Baumgärtner W, **Hetzel U**, Josimovic-Alasevic O, Libera J. 2004: Repair of extensive articular cartilage defects in horses by autologous chondrocyte transplantation. Ann Biomed Eng. 32, 57-69.
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25. Hermosilla C, **Hetzel U**, Bausch M, Grubl J, Bauer C, 2005: First autochthonous case of canine ocular onchocercosis in Germany. Vet Rec. 156, 450-452.
26. Plesker R, **Hetzel U**, Schmidt W, 2005: Cataracts in a laboratory colony of African green monkeys (*Chlorocebus aethiops*). J. Med. Primatol. 34, 139-146.
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28. Coomer RPC, Edwards GB, Rijkenhuizen ABM, **Hetzel U**, 2007. Brachial thrombosis in a mare. Pferdeheilkunde 23(1), 65-69.
29. Leeming G, **Hetzel U**, Campbell T, Kipar A, 2007: Equine rhinosporidiosis: an exotic disease in the UK. Vet. Rec. 160, 552-554.
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31. Toth J, Hollerrieder J, Köhler K, **Hetzel U**, 2007. Unusual ophthalmologic disorders in the horse: a challenge of diagnosis and treatment. Tierärztl Praxis G 35(1), 23-32 [article in German].

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36. Johnson MS, Martin M, Stone B, **Hetzel U**, Kipar A., 2009. Survival of a cat with pneumonia due to cowpox virus and feline herpesvirus infection. *J Small Anim Pract.* 50(9), 498-502.
37. Yamakawa Y, McGarry JW, Denk D, Dukes-McEwan J, Macdonald N, Mas A, McConnell F, Tatton B, Valentine EG, Wayne J, Williams JM, **Hetzel U**, 2009. Emerging canine angiostrongylosis in northern England: five fatal cases. *Vet Rec* 164(5), 149-52.
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41. Neary JM, Trees AJ, Ekale DD, Tanya VT, **Hetzel U**, Makepeace B. 2010: *Onchocerca armillata* contains the endosymbiotic bacterium *Wolbachia* and elicits a limited inflammatory response. *Vet Parasitol* 174(3-4), 267-276.
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43. Deutschland M, Denk D, Skerritt G, **Hetzel U**, 2011. Surgical excision and morphological evaluation of altered abdominal scent glands in Mongolian gerbils (*Meriones unguiculatus*). *Vet Rec* 169(24), 636.
44. Fonfara S, **Hetzel U**, Tew SR, Dukes-McEwan J, Cripps P, Clegg PD, 2011. Leptin expression in dogs with cardiac disease and congestive heart failure. *J Vet Intern Med* 25(5), 1017-1024.
45. Soare T, Leeming G, Morgan R, Papoula-Pereira R, Kipar A, Stewart J, **Hetzel U**, 2011. Equine multinodular pulmonary fibrosis in horses in the UK. *Vet Rec* 169(12), 313.
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47. Soare T, Noble PJ, **Hetzel U**, Fonfara S, Kipar A, 2012. Paraneoplastic syndrome in haemophagocytic histiocytic sarcoma in a dog. *J Comp Path* 146(2-3), 168-174.
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 51. **Hetzel U**, Dixon CE, Just AE, Birtles RJ, Kipar A, 2012. *Mycobacterium malmoeense* as an extrapulmonary pathogen of cats. Vet Rec 171(11), 274.
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 58. **Hetzel U**, Sironen T, Laurinmäki P, Liljeroos L, Patjas A, Henttonen H, Vaheri A, Artelt A, Kipar A, Butcher S, Vapalahti O, Hepojoki J, 2013. Isolation, identification and characterization of novel Arenaviruses, the etiological agent of Boid Inclusion Body Disease. J Virol 87(20), 10918-10935.
 59. Hinnigan GJ, Papoula-Pereira R, **Hetzel U**, Singer ER, 2013. Severe supracondylar lysis of the third metatarsal bone due to intra-articular haemorrhage with similarities to human pigmented villonodular synovitis: A differential diagnosis to intra-articular neoplasia. Equine Vet Educ. 2013 August 27. DOI: 10.1111/eve.12071
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 61. **Hetzel U**, Sironen T, Laurinmäki P, Liljeroos L, Patjas A, Henttonen H, Vaheri A, Artelt A, Kipar A, Butcher S, Vapalahti O, Hepojoki J, 2013. Reply to "Updated phylogenetic analysis of arenaviruses detected in boid snakes". J Virol 88(2), 1401.
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79. Dervas E, Hepojoki J, Laimbacher A, Romero-Palomo F, Jelinek C, Keller S, Smura T, Hepojoki S, Kipar A, Hetzel U. Nidovirus-associated proliferative pneumonia in the green tree python (*Morelia viridis*). *J Virol* 2017 Aug 9. pii: JVI.00718-17. doi: 10.1128/JVI.00718-17. [Epub ahead of print]
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