

List of publications in peer-reviewed Journals

1. S. Lüthin; A. Zollinger; W. Basso; M. Bisig; N.C. Caspari; V. Eng; C.F. Frey; F. Grimm; P. Igel; S. Lüthi; L. Roelfstra; M. Rosskopf; B. Steiner; M. Stöckli; D. Waidyasekera; P. Waldmeier; M. Schnyder; P.R. Torgerson, H. Hertzberg: Re-orientation of parasite-management in adult horses in Switzerland, *Veterinary Parasitology*, under revision
2. J. Bauer, M. Kaske, A. Oehm, M. Schnyder: A method for the isolation of *Eimeria* spp. oocysts from environmental straw samples in comparison with direct faecal examination of fattening calves, *Veterinary Parasitology*, under revision
3. A. Oehm, M. Schnyder (2022): Adult parasite burden and excretion of first-stage larvae of *Angiostrongylus vasorum* in dogs: methodologically relevant diagnostic aspects and associations with serological detection of parasite antigen and specific antibodies, *Veterinary Parasitology*, 312, 109814, <https://doi.org/10.1016/j.vetpar.2022.109814>
4. J.E. Fehr, M. Schnyder, D.E. Joekel, N. Pantchev, M. Sarkunas, P. Torgerson, P. Deplazes (2022): Estimated specific antibody based true sero-prevalences of canine filariosis in dogs in Central Europe and the UK, *Parasitology Research*, <https://doi.org/10.1007/s00436-022-07695-1>
5. A. Rostaher, Y. Morsy, C. Favrot, S. Unterer, M. Schnyder, M. Scharl, N.M. Fischer (2022): Comparison of the gut microbiome between atopic and healthy dogs – preliminary data, *Animals*, 12, 2377. <https://doi.org/10.3390/ani12182377>
6. M. Uribe, L. Segeritz, M. Schnyder, A. Taubert, C. Hermosilla, S. López-Osorio, A. Gongora-Orjuela, J.J. Chaparro-Gutiérrez (2022): Nationwide seroprevalence survey of *Angiostrongylus vasorum*-derived antigens and specific antibodies in dogs from Colombia, *Microorganisms*, 10, 1565, <https://doi.org/10.3390/microorganisms10081565>
7. A. Bajer, A. Beck, R. Beck, J.M. Behnke, D. Dwużnik-Szarek, R.M. Eichenberger, R. Farkas, H.-P. Fuehrer, M. Heddergott, P. Jokelainen, M. Leschnik, V. Oborina, A. Paulauskas, J. Radzijeuskaja, R. Ranka, M. Schnyder, A. Springer, C. Strube, K. Tolkacz, J. Walochnik (2022): Babesiosis in Southeastern, Central and Northeastern Europe: an emerging and re-emerging tick-borne disease of humans and animals, *Microorganisms*, 10 (5), 945, <https://doi.org/10.3390/microorganisms10050945>
8. N. Spieler, M. Schnyder (2022): Helminths and their management in Swiss Army horses: differences between riding horses and pack horses evidence the need of improvement, *Schweizer Archiv für Tierheilkunde*, 164 (5), 385-399, <https://doi.org/10.17236/sat00355>
9. M. Schnyder, I. Reichler, R. Eichenberger, N. Hofer-Inteeworn, C. Kümmerle-Fraune, F. Grimm (2022): *Strongyloides stercoralis* in Swiss dogs – a retrospective study suggests an increasing occurrence of this potentially zoonotic parasite as a consequence of dog imports, *Schweizer Archiv für Tierheilkunde*, 164, (1), 89-104, DOI: <https://doi.org/10.17236/sat00340>.
10. A. Tayyrov, M. Schnyder (2021): Microbiome dataset of the cardiopulmonary nematode *Angiostrongylus vasorum*, *Data in Brief*, 39, 107648, <https://doi.org/10.1016/j.dib.2021.107648>
11. N. Gillis-Germitsch, T. Kockmann, C.M.O. Kapel, S.M. Thamsborg, L. Tritten*, M. Schnyder* (2021): Fox serum proteomics analysis suggests host-specific responses to *Angiostrongylus vasorum*, *Pathogens*, 2021, 10(11), 1513; <https://doi.org/10.3390/pathogens10111513>
12. N. Gillis-Germitsch, T. Kockmann, Lars Asmis, L. Tritten*, M. Schnyder* (2021): The *Angiostrongylus vasorum* excretory/secretory and surface proteome contains putative modulators of the host coagulation, *Frontiers in Cellular and Infection Microbiology*, 11:753320, <https://doi.org/10.3389/fcimb.2021.753320>

13. S. Morelli, F. Gori, M. Colombo, D. Traversa, G. Sarrocco, G. Simonato, C. Nespeca, A. Di Cesare, A. Frangipane di Regalbono, F. Veronesi, I. Russi, M. Schnyder (2021): Simultaneous exposure to *Angiostrongylus vasorum* and vector-borne pathogens in dogs in Italy, *Pathogens*, 10(9), 1200; <https://doi.org/10.3390/pathogens10091200>
14. H-P. Fuehrer, S. Morelli, M.S. Unterköfler, A. Bajer, K. Bakran-Lebl, D. Dwużnik-Szarek, R. Farkas, G. Grandi, M.Heddergott, P. Jokelainen, T. Knific, M. Leschnik, M. Miterpáková, D. Modrý, H. Huus Petersen, K.Skírnisson, A. Rataj Vergles, M. Schnyder, C. Strube (2021): *Dirofilaria* spp. and *Angiostrongylus vasorum*: current risk of spreading in Central and Northern Europe, *Pathogens*, 10, 1268, doi: 10.3390/pathogens10101268
15. M. Schnyder, R. Schaper, F. Gori, C. Hafner, C. Strube (2021): *Aelurostrongylus abstrusus* antibody seroprevalence reveals that cats are at risk of infection throughout Germany, *Pathogens*, 10(8), 1011; <https://doi.org/10.3390/pathogens10081011>
16. M. Globokar, N. Pantchev, B. Hinney, M. Leschnik, R. Peschke, R. Schaper, M. Schnyder (2021): Serological and faecal detection of *Angiostrongylus vasorum* in dogs from Austria, *Veterinary Parasitology: Regional Studies and Reports* 26, 100641, <https://doi.org/10.1016/j.vprsr.2021.100641>
17. N.E. Sigrist, L. Tritten, C. Kümmerle-Fraune, N. Hofer-Inteeworn, R. Jud Schefer, M. Schnyder, Annette PN Kutter (2021): Coagulation status in dogs naturally infected with *Angiostrongylus vasorum*, *Pathogens*, 10(9), 1077; <https://doi.org/10.3390/pathogens10091077>
18. G. von Samson-Himmelstjerna, R.C.A. Thompson, J. Krücken, W. Grant, D. D Bowman, M. Schnyder, P. Deplazes (2021): Spread of anthelmintic resistance in intestinal helminths of dogs and cats is currently smaller than in ruminants and horses – yet it is of major concern, *International Journal for Parasitology: Drugs and Drug Resistance*, 17, 36-45, <https://doi.org/10.1016/j.ijpddr.2021.07.003>
19. A. Tayyrov, N. Gillis-Germitsch, L. Tritten, M. Schnyder (2021): Genome sequence of the cardiopulmonary canid nematode *Angiostrongylus vasorum* reveals the unique genes of the parasite with potential involvement in coagulopathy, *Genomics*, 113, 2695-2701, <https://doi.org/10.1016/j.ygeno.2021.06.010>
20. K. Raue, J. Raue, D. Hauck, F. Söbbeler, S. Morelli, D. Traversa, M. Schnyder, H. Volk, C. Strube (2021): Do all roads lead to Rome? Potentials of different approaches to diagnose *Aelurostrongylus abstrusus* infection in cats. *Pathogens*, 10, 602, <https://doi.org/10.3390/pathogens10050602>
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22. J.D. Kotwa, M. Schnyder, C.M. Jardine, D.L. Pearl, O. Berke, N. Mercer, A.S. Peregrine (2021): Investigation of the occurrence of *Angiostrongylus vasorum* in coyotes (*Canis latrans*) in southern Ontario, Canada, using combined detection of antigen and antibodies, *Journal of Veterinary Diagnostic Investigation*, DOI: 10.1177/10406387211011990.
23. N. Spieler, M. Schnyder (2021): Lungworms (*Metastrongylus* spp.) and intestinal parasitic stages of two separated Swiss wild boar populations north and south of the Alps: similar parasite spectrum with regional idiosyncrasies, *International Journal for Parasitology: Parasites and Wildlife*, 14, 202–210, <https://doi.org/10.1016/j.ijppaw.2021.03.005>
24. L. Tritten, N. Gillis-Germitsch, T. Kockmann, M. Schnyder (2021): Quantitative proteomics analysis of *Angiostrongylus vasorum*-induced alterations in dog serum sheds light on the pathogenesis of canine angiostrongylosis, *Scientific Reports*, <https://doi.org/10.1038/s41598-020-79459-9>

25. A. Tayyrov, M. Schnetzler, N. Gillis-Germitsch, M. Schnyder (2021): Genetic diversity of the cardiopulmonary canid nematode *Angiostrongylus vasorum* within and between rural and urban fox populations, *Infection, Genetics, Evolution*, 87, 104618, <https://doi.org/10.1016/j.meegid.2020.104618>
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28. M. Hilbe, M. Schnyder, U. Hetzel, C. Schuppisser, N. Borel (2020): Collagenofibrotic glomerulopathy in a young cat, *Veterinary Record Case Reports*, doi:10.1136/vetreccr-2019-001056.
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31. L. Heuer, G. Petry, M. Pollmeier, R. Schaper, K. Deuster, H. Schmidt, K. Blazejak, C. Strube, A. Di Cesare, D. Traversa, M. Schnyder, J. McKay-Demeler, G. von Samson-Himmelstjerna, S. Mangold-Gehring, C. Böhm (2020): Efficacy of imidacloprid 10% / moxidectin 1% spot-on (Advocate®) in prevention and treatment of feline aelurostrongylosis, *Parasites & Vectors*, 12:65, <https://doi.org/10.1186/s13071-020-3937-2>
32. A. Angelou, A.I. Gelasakis, M. Schnyder, R. Schaper, E. Papadopoulos: The 'French heartworm' in Greece (2020): a countrywide serological survey of *Angiostrongylus vasorum* infection by combined detection of circulating antigens and specific antibodies, *Veterinary Parasitology: Regional Studies and Reports*, 19, 100376, <https://doi.org/10.1016/j.vprsr.2020.100376>
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35. M.A. Cavalera, M. Schnyder, E.K. Gueldner, T. Furlanello, R. Iatta, V. Colella, C. Strube, D. Otranto (2019): Serological survey and risk factors of *Aelurostrongylus abstrusus* infection in client-owned cats from Italy, *Parasitology Research*, <https://doi.org/10.1007/s00436-019-06373-z>
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37. B. Koller, D. Hegglin*, M. Schnyder* (2019): A grid-cell based faecal sampling scheme reveals: land-use and altitude affect prevalence rates of *Angiostrongylus vasorum* and other parasites of red foxes (*Vulpes vulpes*), *Parasitology Research*, 118, 2235–2245, <https://doi.org/10.1007/s00436-019-06325-7>
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39. E.M. Zottler, M. Bieri, W. Basso, M. Schnyder (2019): Endoparasites in stray, shelter and privately owned cats of Switzerland, *Parasitology International*, 69: 75-81, <https://doi.org/10.1016/j.parint.2018.12.005>
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