

Curriculum Vitae

Personal information **Frida Martin**

Work experience

2024-03 - Present Clinical Assessor, Swedish Medical Products Agency, Sweden
2022-01 to 2024-02 Researcher, Swedish University of Agricultural Sciences, Sweden
2016-11 to 2021-12 PhD student, Swedish University of Agricultural Sciences, Sweden
2011-06 to 2016-11 Veterinarian in clinical practice

Education and training

2016-11 - 2022-10 PhD in Veterinary Medicine, Swedish University of Agricultural Sciences, Sweden - Veterinary parasitology and anthelmintic resistance
2011-09 Masters degree in veterinary medicine, Swedish University of Agricultural Sciences, Sweden
2001-10 Masters degree in biotechnology, Swedish University of Agricultural Sciences, Sweden

Additional information

Publications

Alm, Y., Tydén, E., Martin, F., Lernå, J. & Halvarsson, P. (2024). Farm size and biosecurity measures associated with *Strongylus vulgaris* infection in horses. *Equine Veterinary Journal*. n/a-n/a. 10.1111/evj.14212.

F. Martin, P. Halvarsson, Y. Hedberg Alm, E. Tydén, Occurrence of fenbendazole resistance in *Parascaris* spp. on breeding farms in Sweden, *Vet Par* 331 (2024). 110272, <https://doi.org/10.1016/j.vetpar.2024.110272>.

Y. Hedberg Alm, P. Halvarsson, F. Martin, E. Osterman-Lind, V. Törngren, E. Tydén, Demonstration of reduced efficacy against cyathostomins without change in species composition after pyrantel embonate treatment in Swedish equine establishments, *IJP: Drugs and Drug Resistance*, 23 (2023). 78-86 <https://doi.org/10.1016/j.ijpddr.2023.11.003>.

Hellman, S., Martin, F., Tydén, E. et al. Equine enteroid-derived monolayers recapitulate key features of parasitic intestinal nematode infection. *Vet Res* 55, 25 (2024). <https://doi.org/10.1186/s13567-024-01266-1>

F. Martin. From field to genetics - anthelmintic resistance in the equine roundworm *Parascaris univalens*. Acta Universitatis Agriculturae Sueciae (2021) Doctoral Thesis No. 2021:56

F. Martin, P. Halvarsson, N. Delhomme, J. Höglund, E. Tydén. Exploring the β -tubulin gene family in a benzimidazole-resistant *Parascaris univalens* population. *International Journal for Parasitology: Drugs and Drug Resistance* (2021) 17, 84-91

F. Martin, M. Eydal, J. Höglund, E. Tydén. Constitutive and differential expression of transport protein genes in *Parascaris univalens* larvae and adult tissues after in vitro exposure to anthelmintic drugs. *Veterinary Parasitology* (2021) 298, 109535

F. Martin, V. Svansson, M. Eydal, C. Oddsdóttir, M. Ernback, I. Persson, E. Tydén. First report of resistance to ivermectin in *Parascaris univalens* in Iceland. *Journal of Parasitology* (2021) 107:1 16-22

F. Martin, F. Dube, O. Karlsson Lindsjö, M. Eydal, J. Höglund, T. F. Bergström, E. Tydén. Transcriptional responses in *Parascaris univalens* after in vitro exposure to ivermectin, pyrantel citrate and thiabendazole. *Parasite and vectors* (2020) 13:342

F. Martin, J. Höglund, T. F. Bergström, O. Karlsson Lindsjö, E. Tydén. Resistance to pyrantel embonate and efficacy of fenbendazole in *Parascaris univalens* on Swedish stud farms. *Veterinary parasitology* (2018) 264:69-73

Projects

Memberships

Other Relevant Information