

Select top 10 publications on EPM

1. Hay AN, Wagner B, Leeth CM, LeRoith T, Cecere TE, Lahmers KK, Andrews FM, Were SR, Johnson AL, Clark CK, Pusterla N, Reed SM, Lindsay DS, Taylor S, Estell KE, Furr M, MacKay RJ, Del Piero F, **Witonsky SG**. 2021. Horses affected by EPM have increased sCD14 compared to healthy horses. *Vet Immunol Immunopathol*. Dec; 242:110338. doi: 10.1016/j.vetimm.2021.110338. Epub 2021 Oct 22.
2. Hay AN, Potter A, Lindsay D, LeRoith T, Zhu J, Cashwell S, **Witonsky S**, Leeth C. 2021. Interferon gamma protective against *Sarcocystis neurona* encephalitis in susceptible murine model. *Vet Immunol Immunopathol*. Oct;240: 110319. doi: 10.1016/j.vetimm.2021.110319. Epub 2021 Aug 28. PMID: 34474260
3. Leeth C, Adkins J, Hay A, Bogers S, Potter A, **Witonsky S**, Zhu J. 2021. Engrafting Horse Immune Cells into Mouse Hosts for the Study of the Acute Equine Immune Responses. *Animals (Basel)*. 2021 Oct 14;11(10):2962. doi: 10.3390/ani11102962. PMID: 34679981
4. **Witonsky S.**, Maxwell V, Santonastaso A, Pleasant R, Werre S, Wagner B, Ellison S, Lindsay D. 2018 Can levamisole upregulate the equine cell-mediated macrophage (M1) dendritic cell (DC1) T-helper (CD4) Th1 T-cytotoxic (CD8) immune response. *Journal of Veterinary Internal Medicine* 33: 889-96.
5. Reed SM, Furr M, Howe DK, Johnson AL, MacKay RJ, Morrow JK, Pusterla N, **Witonsky S**. Equine protozoal myeloencephalitis: an updated consensus statement with a focus on parasite biology, diagnosis, treatment, and prevention. *J Vet Intern Med* 2016 Mar;30(2):491-502. doi: 10.1111/jvim.13834. Epub 2016 Feb 9.
6. Lewis, S. R., Ellison, S. P., Dascanio, J. J., Lindsay, D. S., Gogal, R. M., Werre, S. R., . . . **Witonsky, S. G.** (2014). Effects of Experimental *Sarcocystis neurona*-Induced Infection on Immunity in an Equine Model.. *Journal of veterinary medicine*, 2014, 239495. doi:10.1155/2014/239495
7. **Witonsky S. G.**, Ellison S., Yang J., Gogal R. M., Lawler H., Suzuki Y., Sriranganathan N., Andrews F., Ward D., Lindsay D. S. 2008. Horses experimentally infected with *Sarcocystis neurona* develop altered immune responses in vitro. *Journal of Parasitology*. 94(5):1047-1054
8. **Witonsky S.G.**, Gogal R.M., Duncan R.B., Norton H., Ward, D., Lindsay D.S., 2005. Prevention of meningo/encephalomyelitis due to *Sarcocystis neurona* infection in mice is mediated by CD8 cells. *International Journal for Parasitology*. 35:113-123
9. **Witonsky S.**, Gogal Jr., R., Duncan R., Lindsay D., 2003a. Protective immune response to experimental infection with *Sarcocystis neurona* in C57BL/6 mice. *The Journal of Parasitology* 89: 924–931.
10. **Witonsky S.G.**, Gogal R.M., Duncan R.B., Lindsay D.S., 2003b. Immunopathologic effects associated with *Sarcocystis neurona*-infected interferon-gamma knockout mice. *Journal of Parasitology* 89: 932-940.