

Alexander Mathis

*Publications*

*Peer-reviewed*

- Schenkel, C, T. Kamber, F. Schaffner, A. Mathis, C. Silaghi: Loop-mediated isothermal amplification (LAMP) for the identification of invasive *Aedes* mosquito species. *Medical and Veterinary Parasitology* (accepted for publication).
- Paslaru, A.P., A. Mathis, P. Torgerson, E. Veronesi (2018): Vector competence of pre-alpine *Culicoides* (Diptera: Ceratopogonidae) for bluetongue virus serotypes 1, 4 and 8. *Parasites & Vectors* 11: 466
- Veronesi, E., A. Paslaru, C. Silaghi, K. Tobler, U. Glavinic, P. Torgerson, A. Mathis (2018): Experimental evaluation of infection, dissemination and transmission rates for two West Nile virus strains in European *Aedes japonicus* under a fluctuating temperature regime. *Parasitology Research* 117: 1925-1932.
- Wagner, S., V. Guidi, P.R. Torgerson, A. Mathis, F. Schaffner (2018): Diversity and seasonal abundances of mosquitoes at potential arboviral transmission sites in two different climate zones in Switzerland. *Medical and Veterinary Entomology* 32: 175-185.
- Wagner, S., A. Mathis, A.C. Schönenberger, S. Becker, J. Schmidt-Chanasit, C. Silaghi, E. Veronesi (2018): Vector competence of field populations of *Aedes japonicus japonicus* and *Culex pipiens* from Switzerland for two West Nile virus strains. *Medical and Veterinary Entomology*: 32: 121-124 (doi: 10.1111/mve.12273).
- Schnyder, M., H. Hertzberg, A. Mathis, M. Schönmann, A. Hehl, P. Deplazes (2018): Veterinary parasitology teaching: ten years of experience with the Vetsuisse curriculum. *Veterinary Parasitology* 252: 148-152.
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- Silaghi C., R. Beck, G. Capelli, F. Montarsi, A. Mathis (2017): Development of *Dirofilaria immitis* and *Dirofilaria repens* in *Aedes japonicus* and *Aedes geniculatus*. *Parasite & Vectors* 10: 94.
- Bosch, F., R. Manzanell, A. Mathis (2016): First description of *Onchocerca jakutensis* (Nematoda: Filarioidea) in red deer (*Cervus elaphus*) in Switzerland. *International Journal for Parasitology: Parasites and Wildlife* 5:192-197.
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