

Research Molecular Parasitology 2023

Publications

Bajić B, Werb O, Budinski I, Blagojevic J, Schaer J and van Schaik J (2023). *Et al.* Non-invasive investigation of *Polychromophilus* parasite infections in bat populations in Serbia using bat flies. **Parasites Vectors** 16, 170. <https://doi.org/10.1186/s13071-023-05786-1>

Fraser M, Matuschewski K, Maier A G (2023). The enemy within: Lipid asymmetry in intracellular parasite-host interactions. **Emerging Top. Life Sci.** 7: 67-79. <https://doi.org/10.1042/ETLS20220089>

Hildebrandt F, Ankarklev J, Matuschewski K (2023). Delineating Plasmodium liver infection across space and time. **Trends Parasitol.** 39: 80-82. <https://doi.org/10.1016/j.pt.2022.12.005>

Kamani J, Schaer J, Nachum-Biala Y, Baneth G, Shand M, Harrus S (2023). *Bartonella bovis* in cattle in NigOeria: molecular detection and the analysis of risk factors. **Israel Journal of Veterinary Medicine.** 78(1): 24-33. http://www.ijvm.org.il/sites/default/files/bartonella_bovis_from_3book_vet_march_2023-7.

Kamani J, Shand M, Shekaro A, Laminu B, Toyin O, Abasiama M S, Schaer J, Harrus S (2023). Molecular detection and phylogenetic analysis of hemotropic Mycoplasma species in pastoralists cattle in Nigeria. **Acta Parasitologica.** <https://doi.org/10.1007/s11686-023-00683-0>

Kina U Y, Kamil M, Deveci G, Rafiqi Ab M, Matuschewski K, Aly A S I (2023). A candidate bacterial-type amino acid decarboxylase is essential for male gamete exflagellation and mosquito transmission of the malaria parasite. **ASM Journals.** <https://journals.asm.org/doi/10.1128/iai.00167-23>

Matuschewski K, Lucius R, von Samson-Himmelstjerna G (2023). In memoriam: Theodor Hiepe (1929-2022) - great German scholar of parasitology. **Par Res** 122: 1033-1035. <https://doi.org/10.1007/s00436-023-07791-w>

Thiombiano NG, Boungou M, Chabi BAM, Oueda A, Werb O, Schaer J. (2023) First investigation of blood parasites of bats in Burkina Faso detects *Hepaticystis* parasites and infections with diverse *Trypanosoma* spp. **Parasitology Research.** <https://doi.org/10.1007/s00436-023-08002-2>

Veith Y, Wende A L, Matuschewski K, Schaer J, Müller K & Bannert B (2023). Molecular characterization of *Schellackia* parasites in an urban population of sand lizards (*Lacerta agilis*) from Berlin, Germany. **Parasitol Res.** <https://doi.org/10.1007/s00436-023-07856-w>

Weber N, Nagy M, Markotter W, Schaer J, Puechmaille S, Sutton J, Dávalos L, Dusabe MC, Ejotre I, Fenton MB, Knörnschild M, López-Baucells A, Medellín R, Metz M, Mubareka S, Nsengimana O, O'Mara MT, Racey P, Tuttle M, Twizeyimana I, Vicente-Santos A, Tschapka M, Voigt C, Wikelski M, Dechmann D, Reeder D (2023). Robust evidence for bats as reservoir hosts is lacking in most African virus studies: a review and call to optimize sampling and conserve bats. **Biology Letters**, 19: 20230358. <https://doi.org/10.1098/rsbl.2023.0358>

Zemann B, Le M-L V, Sherlock R E, Baum D, Katija K, & Stach T (2023). Evolutionary traces of miniaturization in a giant—Comparative anatomy of brain and brain nerves in *Bathochordaeus stygius* (Tunicata, Appendicularia). **Journal of Morphology**, 284, e21598. <https://doi.org/10.1002/jmor.21598>