

### **Publications Molecular Parasitology 2019**

- Afzali A., Hesni M. A., Teimori A. and Stach T. (2019) *Pyura gangelion* (Savigny, 1816) (Tunicata: Pyuridae) from the Persian Gulf. **Curr. Sci.** 117: 1207-1211.
- Ahmed N., Heitlinger E., Affinass N., Kühl A., Xenophontos N., Jarquin V.H., Jost J., Steinfelder S., Hartmann S. (2019) A novel non-invasive method to detect RELM beta transcript in gut barrier related changes during a gastrointestinal nematode infection. **Front Immunol.** 10: 445
- Atama N., Manu S., Ivande S, Rosskopf S.P., Matuschewski K., Schaer J. (2019) Survey of *Hepaticocystis* parasites of fruit bats in the Amurum forest reserve, Nigeria, identifies first host record for *Rousettus aegyptiacus*. **Parasitol.** 146: 1550-1554.
- Benesh D.P. 2019. Crowding in the first intermediate host does not affect infection probability in the second host in two helminths. **J. Helminthol.** 93: 172-176.
- Benesh D.P. 2019. Tapeworm manipulation of copepod behaviour: parasite genotype has a larger effect than host genotype. **Biol. Lett.** 15: 20190495.
- Braun K., Leubner F., Stach T. (2019) Phylogenetic analysis of phenotypic characters of Tunicata supports basal Appendicularia and monophyletic Ascidiacea. **Cladistics in press.**
- Braun K., Stach T. Morphology and evolution of the central nervous system in adult tunicates (2019) **J. Zool. Syst Evol. Res.** 57: 323-344.
- Bredtmann C. M., Krücken J., Murugaiyan J., Balard A., Hofer H., Kuzmina T.A., Samson-Himmelstjerna G. von. (2019) Concurrent proteomic fingerprinting and molecular analysis of cyathostomins. **Proteomics** 19: e1800290
- Chubb J.C., Benesh D.P., Parker G.A. 2019. Ungulate helminth transmission and two evolutionary puzzles. **Trends Parasitol.** in press. [Review]
- Erin N., Benesh D.P., Henrich T., Samonte I.E., Jakobsen P.J., Kalbe M. (2019). Examining the role of parasites in limiting unidirectional gene flow between lake and river sticklebacks. **J. Anim. Ecol.** in press.
- Figueiredo C.A., Düsedau H.P., Steffen J., Gupta N., Dunay M.P., Toth G., Reglödi D., Heimesaat M.M., Dunay I.R. (2019) Immune-modulatory effects of the neuropeptide pituitary adenylate cyclase-activating polypeptide in acute toxoplasmosis. **Front. Cell. Infect. Microbiol.** 9:154.
- Günay-Esiyok Ö, Scheib U, Noll M, Gupta N (2019) An unusual and vital protein with guanylate cyclase and P4-ATPase domains in a pathogenic protist. **Life Sci. Alliance** 2: e201900402.
- Groepler W., Stach, T. (2019) On organ development in larvae of *Diplosoma migrans* (Menker & Ax, 1976) (Tunicata, Ascidiacea, Didemnidae). **Zoomorphology** 138: 493–509
- Jarquín-Díaz V. H., Balard A., Jost J., Kraft J., Dikmen M. N.i, Kvičerová J., Heitlinger E. (2019) Detection and quantification of house mouse *Eimeria* at the species level—challenges and solutions for the assessment of Coccidia in wildlife. **Int J Parasitol Parasites Wildl.** 10: 29–40
- Maier A.G, Matuschewski K., Zhang M., Rug M. (2019) *Plasmodium falciparum*. **Trends Parasitol.** 35:481-482. [Review]
- Matuschewski K., Borrmann S. (2019) Controlled human malaria infection (CHMI) studies: Over 100 years experience with parasite injections. **Methods Mol. Biol.** 2013: 91-101. [Review]

**Publications Molecular Parasitology 2019 (contin.)**

- Matz J.M., Watanabe M., Falade M, Tohge T, Hoefgen R., Matuschewski K. (2019) *Plasmodium* para-aminobenzoate synthesis and salvage resolve avoidance of folate competition and adaptation to host diet. **Cell Rep.** 26: 356-363. [highlighted in: Trends Parasitol. 2019; 35:176-178]
- Rosskopf S.P., Held J., Gmeiner M., Mordmüller B., Matsiégui P., Eckerle I., Weber N., Matuschewski K., Schaer J. (2019) *Nycteria* and *Polychromophilus* infections of bats in Central Gabon. **Infect. Genet. Evol.** 68: 30-34.
- Schaer J., Boardman W., McKeown A., Westcott D.A., Matuschewski K., Power M. (2019) Molecular investigation of *Hepaticystis* parasites in the Australian flying fox *Pteropus poliocephalus* across its distribution range. **Infect. Genet. Evol.** 75: 103978.
- Sato Y., Ries S., Stenzel W., Fillatreau S., Matuschewski K. (2019) The liver-stage *Plasmodium* infection is a critical checkpoint for development of experimental cerebral malaria. **Front. Immunol.** 10: 2554.
- Xia N., Ye S., Liang X., Fang R., Zhou Y., Zhao J., Gupta N., Yang S., Yuan J., Shen B. (2019) Pyruvate homeostasis as a determinant of parasite growth and metabolic plasticity in *Toxoplasma gondii*. **mBio** 10: e00898-19.