

TEN MOST RECENT PUBLICATUONS (April 2024)

***In vitro* production of cat-restricted *Toxoplasma* pre-sexual stages by epigenetic reprogramming,**

Antunes AV, Shahinas M, Swale C, Farhat DC, Ramakrishnan C, Bruley C, Cannella D, Corrao C, Cout Y, Hehl AB, Bougdour A, Coppens I, Hakimi M-A, *Nature* **2024**, *625*(7994):366-376. doi: 10.1038/s41586-023-06821-y

The Tubulin Superfamily in Apicomplexan Parasites, Morrissette N, Abbaali I, Ramakrishnan C, Hehl AB, *Microorganisms* **2023**, *11*(3):706. doi: 10.3390/microorganisms11030706

Serological Detection of *Toxoplasma gondii* among Free-Grazing Ducks from Central and Western

Thailand-A One Health Perspective on Integrated Farming, Nguyen TT, Kamyngkird K, Jam-On R, Phimpraphai W, Panomwan P, Hehl AB, Inpankaew T, *Trop Med Infect Dis* **2023**, *8*(2):103. doi: 10.3390/tropicalmed8020103

Dissection of *Besnoitia besnoiti* intermediate host life cycle stages: From morphology to gene expression, Ramakrishnan C, Krishnan A, Francisco S, Schmid MW, Russo G, Leitão A, Hemphill A, Soldati-Favre D, Hehl AB, *PLoS Pathog* **2022**, *18*(11):e1010955. doi: 10.1371/journal.ppat.1010955

Importance of aspartyl protease 5 in the establishment of the intracellular niche during acute and chronic infection of *Toxoplasma gondii*, Dogga SK, Lunghi M, Maco B, Li J, Claudi B, Marq JB, Chicherova N, Kockmann T, Bumann D, Hehl AB, Soldati-Favre D, Hammoudi PM, *Mol Microbiol* **2022**, *118*(6):601-622. doi: 10.1111/mmi.14987

Combined nanometric and phylogenetic analysis of unique endocytic compartments in *Giardia lamblia* sheds light on the evolution of endocytosis in Metamonada,

Santos R, Ástvaldsson Á, Pipaliya SV, Zumthor JP, Dacks JB, Svärd S, Hehl AB, Faso C, *BMC Biol* **2022**, *20*(1):206. doi: 10.1186/s12915-022-01402-3.

Editorial: The Cell Biology of Protist Parasite-Host Interfaces, Faso C, Hehl AB, *Front Cell Dev Biol* **2022**, *10*:866421. doi: 10.3389/fcell.2022.866421

Unexpected organellar locations of ESCRT machinery in *Giardia intestinalis* and complex

evolutionary dynamics spanning the transition to parasitism in the lineage Fornicata, Pipaliya SW, Santos R, Salas-Leiva D, Balmer EA, Wirnam CD, Roger AJ, Hehl AB, Faso C, Dacks JB, *BMC Biol* **2021**, *19*(1):167. doi: 10.1186/s12915-021-01077-2

Structural insights into an atypical secretory pathway kinase crucial for *Toxoplasma gondii*

invasion. Lentini G, Ben Chaabene R, Vadas O, Ramakrishnan C, Mukherjee B, Mehta V, Lunghi M, Grossmann J, Maco Bohumil, Visentin R, Hehl AB, Korkhov VM, Soldati-Favre D, *Nat Commun* **2021**, 2(1):3788. doi: 10.1038/s41467-021-24083-y

Recent achievements and doors opened for coccidian parasite research and development through transcriptomics of enteric sexual stages. Ramakrishnan C, Smith NC, *Mol Biochem Parasitol* **2021**,

243:111373. doi: 10.1016/j.molbiopara.2021.111373