

Special Issue

Advances in Avian Schistosomes and Cercarial Dermatitis

Message from the Guest Editor

Avian schistosomes in the family Schistosomatidae have gained notoriety as the etiological agents of cercarial dermatitis (CD), or swimmer's itch. CD is a seasonal affliction (allergic reaction) around the world in humans that frequent aquatic recreation sites and or work in aquaculture. Numerous discoveries have been made in species discovery, immunology, host-parasite dynamics, and epidemiology since avian schistosomes were first implicated in the U.S. by William W. Cort, in 1928, as the culprit for CD. The focus of this Special Issue is to bring together research on avian schistosomes from around the world to summarize our current state of knowledge and provide context for moving forward and filling in gaps in our understanding.

We invite you to submit research articles, review articles, and short notes highlighting the importance of species discovery and host use, contributions from genomic research, host-parasite immunology, advances in how to manage CD outbreaks, as well as research describing new findings and novel methods to understand any aspect of avian schistosome biology.

Guest Editor

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Deadline for manuscript submissions

closed (20 April 2022)



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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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