

Special Issue

Advanced Diagnosis of Schistosomiasis

Message from the Guest Editor

Schistosomiasis is one of the neglected tropical diseases (NTDs) defined by World Health Organization (WHO), posing a transmission risk to more than 800 million people worldwide and causing high morbidity and mortality. The WHO is implementing measures centered on MDAs with the goal of “elimination as a public health risk” by 2030. However, there is an urgent need to develop diagnostic and post-treatment monitoring methods with high sensitivity and specificity, as well as systems for monitoring infected snails. In this Special Issue, we will discuss novel and innovative human and animal diagnostic methods for schistosomiasis, including immunological diagnosis methods (ELISA, simple rapid diagnostic kits), molecular diagnosis methods (qPCR, digital-droplet PCR, LAMP, miRNA detection), and gene detection technologies for monitoring intermediate host snails (environmental DNA, risk mapping, etc.). We would appreciate your consideration of our contribution.

Guest Editor

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Deadline for manuscript submissions

closed (20 October 2023)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/120041

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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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