

Special Issue

Schistosomiasis: Host-Pathogen Biology

Message from the Guest Editor

Understanding the host-parasite biology, especially the interactions could help us to develop appropriate interventions to control schistosomiasis. In this special issue, we aim to collect a variety of up-to-date articles covering important aspects of schistosomiasis pathogenesis as well as insights in diagnosis and vaccine development. Submission of basic and translational original research and reviews on the following sub-topics are all welcome:

- Host-parasite interactions in both lab and field settings.
- Host immune responses against *Schistosoma spp.* and the application of it to disease prevention and control of mortality
- Host immune responses and its influence on co-infection and non-communicable diseases including metabolic disorders
- Outlook on One Health approach in schistosomiasis prevention and control.
- Point-of-care diagnosis tools for active infection.
- Biomarkers for disease morbidity and mortality.
- Animal models to study schistosomiasis including liver fibrosis, myeloradiculopathy, neural schistosomiasis, urinary and female genital schistosomiasis.
- Identifying novel vaccine candidates.
- Vaccine trial reports in large animals.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2021)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



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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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