

Special Issue

Proteomics of Host-Helminth Interactions

Message from the Guest Editors

Helminth parasites remain a significant global human and animal health concern. The continued spread of drug resistance means that many parasite populations are difficult to manage and this has hastened the search for novel vaccine candidates and targets for improved diagnostic tests. Proteins secreted by helminths, or displayed on their outer surface, perform key roles in the host-parasite interaction and are thus leading candidates for these applications. More recently, proteomics tools have been effectively used to investigate the interaction of helminth-derived molecules with host cells and to examine their effects on the host's proteome. In this Special Issue, we aim to highlight recent advances in the field, covering the interaction of helminth parasites with their hosts from both perspectives. By doing so, we hope to consolidate these developments and stimulate further discussion on the use of proteomics as a tool for investigating helminth-host interactions in the future.

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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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