

Special Issue

Parasites Series: Parasitic Infection, Characterisation and Host Health, Parasitic Diversity and Host Range

Message from the Guest Editors

Parasites often have detrimental effects on their hosts, with clinical severity ranging from asymptomatic to symptomatic, with the outcome of such infections often dependent on the immune status of their host. Acute-to-chronic infections can develop with symptoms associated to helminths and gastrointestinal protozoans (e.g., *Cryptosporidium* spp. and *Giardia*) generally leading to malabsorption, vomiting, diarrhoea, and weight loss, while infections with bloodborne parasites (e.g., *Plasmodium* spp. and *Trypanosoma* spp.) tend to be associated with haemolytic anaemia, fatigue, joint and muscle pain, headache, flu-like symptoms, encephalitis and behavioural changes. However, interchanges of symptoms can occur, adversely affecting the health and productivity of animal and human populations worldwide. The need to characterise and ascertain all aspects of parasitic infections through biological, chemical, molecular, and epidemiological studies is imperative to address knowledge gaps in the field, which will ultimately facilitate management strategies and treatment options to maintain stable and healthy populations on both a domestic and global scale.

Guest Editors

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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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