

## Special Issue

# Parasitic Infections: Immunity, Vaccine and Drug Development

### Message from the Guest Editors

Parasitic infections that affect humans and animals represent a major health problem. The genetic and biological complexity of protozoa, nematodes, trematodes, cestodes, and ectoparasites, some of which with elaborate life cycles, has compromised the development of new therapeutic and prophylactic tools. Furthermore, the sophisticated immune evasion mechanisms developed by many parasites and our lack of knowledge about the effective immune response capable of controlling some parasitic diseases and inducing high-quality immunological memory has delayed the development of effective vaccines. As many parasitic diseases are zoonotic, research involving the One Health approach is critical to increasing our ability to treat and prevent many of these diseases. This Special Issue aims to highlight the latest advances in parasitic infections, with a focus on parasitic immunity, vaccine development, and new drug discovery and development. We look forward to your contribution to this Special Issue.

### Guest Editors

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### Deadline for manuscript submissions

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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.

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### Editor-in-Chief

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