

Special Issue

Mechanisms Contributing to Persistence in Protozoan Parasites

Message from the Guest Editors

Protozoan parasites cause significant mortality and morbidity worldwide. Many of these pathogens establish infections within the vertebrate host that are quiescent or dormant, enabling them to evade host immune responses and rendering them less susceptible to drug treatment. The focus of this Special Edition is to discuss the underlying mechanisms contributing to protozoan parasite persistence in the vertebrate host. We invite authors to submit original research articles, as well as topical reviews, which focus on protozoan parasite persistence. Contributions in the following areas are particularly encouraged:

- The identification of host factors or host–parasite interactions which support parasite persistence and survival;
- Metabolic and cellular reprogramming in protozoan parasites leading to persister phenotypes;
- Novel in vivo and in vitro models that examine parasite quiescence or dormancy.

The goal of this Special Issue is to highlight the latest research and bring new perspectives to this emerging field.

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

Prof. Dr. Hinh Ly

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