

## Special Issue

# Virulence and Molecular Cell Biology of Parasites

### Message from the Guest Editor

Over millions of years, parasites have been adapting to different environments and hosts.

The existence of different stages of the same organism, which have different locations, antigenic structures, biochemical behavior, and even different morphology, makes parasites one of the most fascinating biological models. On the other hand, the use of new cellular and molecular biology strategies in addition to “omics” has made it possible to open new possibilities for understanding in detail how they interact with the host and cause disease.

This Special Issue will highlight recent advances in the virulence, molecular, and cell biology of human parasites with a focus on the pathogenesis of parasitic disease, immune response and immune evasion, vaccination, and current developments and the contribution of omics, all of which provide the basis for a complete overview of modern parasitology that will enable the design of strategies for the prevention, control, and eventual eradication of parasitic infections.

### Guest Editor

Prof. Dr. Jorge González

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### Deadline for manuscript submissions

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## Pathogens

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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

Prof. Dr. Hinh Ly

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