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Genomics and Epidemiology of Protozoan Parasites

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Message from the Guest Editors

Genome-scale sequencing approaches can be applied to all areas of biological investigations, including understanding of gene function and of parasite biology, as well as a tool for epidemiological investigations such as the identification of new parasite strains, parasite transmission and spread, parasite evolution and spread of drug resistance. In this Special Issue we will provide a collection of in-depth, up-to-date genome-scale investigations on several protozoan parasites.

We invite original research and review articles reporting on protozoan parasites infective to humans. Potential topics include but are not limited to:

- Functional genomics to understand parasite biology.
- Evolutionary and comparative genomics to understand evolutionary relationships and phylogeny.
- Genomic variations in parasite populations (including resistance markers).
- Genomics epidemiology (including prevalence, geographic distribution, and transmission patterns).



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Special Issue



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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.

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