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Immune Response in Parasite Infections

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Message from the Guest Editors

Infections caused by parasites are a significant global health issue. While these diseases are responsible for significant morbidity and mortality in resource poor countries, they are also becoming endemic in developed countries. Although progress has been made in discovery of anti-parasitic drugs for certain parasites, there is an unmet need for new treatments and vaccines for all parasitic diseases, particularly NTDs. This Special Issue will focus on the immunology of parasitic diseases. The scope of this issue will include reviews and original manuscripts describing the latest basic and translational discoveries in the areas of host-parasite interaction, host invasion and immune evasion, mechanisms of host innate and acquired immunity, parasite persistence, mechanisms of immunopathology, vaccines, therapies and immune-diagnostics for parasitic diseases. Better understanding of the mechanisms of immunity and host-parasite interaction should aid in developing novel treatments and vaccines for these diseases.



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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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