

Special Issue

Current Status and Challenges Associated with Tick-Borne Pathogens and Diseases: 2nd Edition

Message from the Guest Editors

Amongst the arthropod vectors, ticks are capable of transmitting the largest variety of pathogens to domestic and wild animals, being second only to mosquitoes in humans. Together with climate and demographic changes, the world is facing an increasing distribution of tick species in non-endemic areas. Currently, there are multiple reports of emerging tick-borne pathogens and related diseases that were previously neglected, undetected, or misdiagnosed. As a result, it is necessary to advance toward a One Health approach to research, through the unification of various fields of expertise. This Special Issue aims to discuss the current status and anticipated challenges regarding tick-borne pathogens, such as protozoans and bacterial and viral pathogens, and the diseases they cause in humans and animals.

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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

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