

Special Issue

Tick-Borne Pathogens and Their Impact on Human and Animal Health

Message from the Guest Editors

We are pleased to invite you to contribute to a Special Issue of *Pathogens* titled “Tick-Borne Pathogens and Their Impact on Human and Animal Health.” This Special Issue addresses the critical challenges posed by tick-borne diseases, which affect human and animal health worldwide. The rise in zoonotic infections, including Lyme borreliosis, rickettsiosis, tick-borne encephalitis, and Crimean–Congo hemorrhagic fever, highlights the urgent need to deepen our understanding of tick biology, host–pathogen interactions, disease transmission dynamics, clinical manifestations, epidemiology, and prevention strategies. In connection with the 3rd Annual Meeting of the Balkan Association for Vector-Borne Diseases (BAVBD Symposium, 29 November 2025, Palić, Serbia), this Special Issue is supported by who are actively engaged in advancing regional collaboration on vector-borne disease research. We welcome original research articles, case reports, and reviews that explore key aspects of tick-borne diseases, including diagnostics, vector biology, environmental drivers of tick expansion, and innovative strategies to control ticks and limit disease spread.

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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