

Special Issue

Biology, Control and Molecular Diagnostics of Vector-Borne Infections

Message from the Guest Editors

Vector-borne infections continue to pose a significant threat to global public health, with diseases such as malaria, dengue, and Lyme disease affecting millions of people annually. Some of these diseases, previously unidentified in certain regions or countries, are now emerging, likely due to factors such as climate change, increased urbanization, and insecticide resistance. Given these challenges, it is crucial to understand the complexity of vector biology to develop effective disease control and prevention strategies. Additionally, ensuring the availability of molecular diagnostics capable of rapidly detecting and monitoring vector-borne pathogens is essential for timely interventions and improved surveillance. For this Special Issue of *Pathogens*, we invite you to submit reviews or original research on topics related to vector biology, novel control methodologies, and the development of advanced molecular diagnostic tools for vector-borne diseases.

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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