Special Issue

The Future of Vector-Borne Diseases in a Changing World

Message from the Guest Editors

Vector-borne diseases are likely to be strongly impacted by future climate change due to vector dependence on climate variables such as temperature and precipitation. Additionally, human impact on the landscape through both urbanization and restoration of natural areas has affects host availability and density as well as breeding habitats. Globalization facilitates the transport of vectors and associated pathogens to new areas and shifts in natural host migration patterns may also influence future disease distribution. This special issue welcomes research and reviews that consider the future challenges and impact of our changing world on vector-borne diseases. Modelling the impact of future landscape and climate scenarios on disease risk for a range of vectors and pathogens, alongside qualitative and quantitative risk assessments and field and/or laboratory work that address areas where data are currently lacking are welcomed. This issue will help to inform policy decisions and prioritize future research areas in this field.

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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.

Editor-in-Chief

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