Special Issue

Untargeted Alternative Routes of Arbovirus Transmission

Message from the Guest Editor

Arboviruses have emerged as global pathogens of significant importance in the past 50 years. Globalization, unplanned urbanization, and climate change have all contributed to their development. The main culprits are mosquitoes, mostly from the species Aedes aegypti, which transmit these viruses.

The difficulty of developing an effective vaccine (see the last DENV vaccine developed by Sanofi-Pasteur) and therapeutic treatments favors interventions targeting the vector using transgenic, radiation, or microbiome modifications of Ae. aegypti populations. The most promising tools make use of the bacterium Wolbachia to sterilize progeny to suppress populations or to reduce virus replication to block transmission.

In this context, Pathogens is launching a Special Issue on this topic, and submissions, including research articles, short communications, and reviews describing the state of the art and recent developments with respect to these alternative routes, are welcome.

Guest Editor

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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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