

Special Issue

Insects Vectors of Pathogens

Message from the Guest Editor

Vector insects are invertebrates grouped in the orders Diptera, Hemiptera, Anoplura, and Siphonaptera that have great importance for public health. Species from these orders are responsible for the transmission of many pathogens that cause diseases that result in a major public health problems. A better understanding of insect vector species biology, systematics, taxonomy, and evolution can support more effective management and control strategies to mitigate the mortality and morbidity of these diseases. This is of great importance since, for the most part, vector control is the main alternative to minimize the incidence of vector-borne disease to humans and animals. This Special Issue aims to address the important gap in knowledge associated with the biological, systematic, taxonomic, and evolution processes associated with insect vector species. Our goal is to compile and publish scientific articles from prominent research groups in this Research Topic to help further our understanding on issues related to public health, as the dynamics of vector-borne disease transmission, which can assist in the activities of vector control programs.

Guest Editor

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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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