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Recent Progress in Mosquito-Borne Diseases

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Message from the Guest Editors

Dear Colleagues,

Research into mosquito-borne diseases has made significant strides in recent years. A spotlight has been cast on diseases like malaria, dengue, Zika, yellow fever, and Chikungunya. Alongside these are other overlooked infections, including West Nile fever, leishmaniasis, filariasis, and onchocerciasis.

Enhancements in epidemiological surveillance systems have been instrumental, facilitating quicker outbreak detection and a more streamlined response. In this regard, mapping systems that trace mosquito presence and dissemination patterns have been used, thereby aiding informed decision making. Epidemiological insights stem from both entomological taxonomic studies and the application of molecular biology tools for identifying and classifying insects and pathogens.

This Special Issue, devoted to recent strides in mosquito-borne diseases, seeks to unite high-quality contributions that further knowledge across diverse domains connected to mosquito research, including ecological facets, epidemiological controls, and clinical diagnostics using varied techniques.



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Special Issue