

Special Issue

Recent Progress in Mosquito-Borne Diseases

Message from the Guest Editors

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.

Guest Editors

Dr. Jeronimo Alencar

Laboratório de Díptera, Instituto Oswaldo Cruz (Fiocruz), Rio de Janeiro 21040-360, RJ, Brazil

Dr. Sergio Lisboa Machado

Laboratório de Diagnóstico Molecular e Hematologia, Universidade Federal do Rio de Janeiro (UFRJ), Rio de Janeiro 21941-913, Brazil

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
tropicalmed@mdpi.com

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Editor-in-Chief

Prof. Dr. John Frean

Pathologist, Parasitology Reference Laboratory, Centre for Emerging Zoonotic and Parasitic Diseases, National Institute for Communicable Diseases, University of the Witwatersrand, Johannesburg 2192, South Africa

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