

Special Issue

Aspects of the Ecology and Biology of Malaria Vectors with Implications for Disease Prevention and Control

Message from the Guest Editors

Malaria remains a major global public health issue, primarily in tropical and subtropical regions where climate conditions are appropriate for the development of the malaria parasite and its mosquito vector. To combat malaria, vector control is one of the main strategies used to reduce disease transmission, but this effort is threatened by factors such as increasing vector insecticide resistance. Therefore, there is a need for studies to expand knowledge of vectors, with the aim of implementing novel and effective methods to improve vector control interventions and reduce malaria incidence. This Special Issue is aimed at the scientific community interested in malaria vectors with the purpose of bringing together knowledge from a range of vector-related areas to enhance the search for effective vector control interventions. The scope of this Special Issue includes, but is not limited to, aspects of systematics and taxonomy, phylogenetics, biogeography, vector behaviour and ecology, host-parasite relationships, molecular biology, immunity, the mosquito microbiota, developing resources and technology in vector genomics, interventions and control.

Guest Editors

Prof. Dr. Margarita María Correa

Prof. Dr. Lizette Koekemoer

Prof. Dr. Jan E. Conn

Deadline for manuscript submissions

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*Tropical Medicine and
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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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