

## Special Issue

# Emerging Topics in Arbovirus Vectors

### Message from the Guest Editors

Over the last decades, we have seen the emergence and re-emergence of many arthropod-transmitted viruses (arboviruses) that pose important public health challenges worldwide. There are more than 500 recognized arboviruses, and mosquitoes are the vectors for the most prevalent arboviral diseases, causing more than 700,000 deaths annually. Despite global efforts to control arboviruses vectors, such arthropods continue to be a formidable public health adversary for endemic countries. Here, we invite authors to contribute to a Special Issue of *Tropical Medicine and Infectious Disease* on Emerging Topics in Arbovirus Vectors. This collection will deliver an exceptional compilation of recent advances in research and control strategies for arthropods vectors of viruses of Global Health concern. Furthermore, this Special Issue will provide scientists with up-to-date information on vector physiology, vector–virus and vector–host interactions, vector genomics, metagenomics, transcriptomics, population genetics/genomics, vector resistance to insecticides, and new strategies for vector control (e.g., CRISPR-cas9 genome editing, RNAi, and Wolbachia infected mosquitoes).

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### Guest Editors

Dr. Leonardo Barbosa Koerich

Dr. Mauricio Roberto Viana Sant'Anna

Dr. Ralph Huits

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### Deadline for manuscript submissions

closed (20 March 2023)



## Tropical Medicine and Infectious Disease

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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