



viruses



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Arboviruses and Global Health: A PanDengue Net Initiative

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Message from the Guest Editors

This Special Issue is in collaboration with the Pan-American Dengue Research Network and the Global Health Institute, University of Wisconsin, Madison, and is expected to provide a dynamic and rapid platform for you to publish your ongoing research work on arbovirology in general, with a special emphasis on flavivirus and its impact on global health.

The field of dengue research has shown considerable expansion in the last decade, with a licensed vaccine in the market, several new vaccine candidates, better understanding of disease determinants, and new developments in diagnosis, prognosis, and investigational treatments. Additionally, for this SI the scientific scope will be expanded to cover Zika, Chikungunya, Mayaro, arboviruses which have recently re-emerged in the Americas with devastating effects on human public health.

In addition, despite many years of research, multiple key questions related to complex immune interaction among flaviviruses, including the humoral, T cell, and innate immune response, are still open. Without a doubt, these areas need to be covered in order to design effective therapeutics and vaccine approaches.



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Special Issue



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Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

Electronic files or software regarding the full details of the calculation and experimental procedure, if unable to be published in a normal way, can be deposited as supplementary material.

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