

Special Issue

Ongoing Research on Pathogenesis, Control and Treatments of Chikungunya Virus Infection

Message from the Guest Editors

With global climate change and the emergence of arboviruses on the rise, there is an urgent need to address the understudied aspects of Chikungunya virus (CHIKV) pathogenesis to develop intervention strategies for future outbreaks. CHIKV is a mosquito-transmitted virus that has re-emerged and spread globally since 2006, with reported transmission in 115 countries worldwide. Despite causing millions of infections around the world, there are currently no licensed antivirals or vaccines. Although CHIKV infection is mainly associated with acute and chronic musculoskeletal disease and arthralgias, CHIKV can cause atypical cardiac and neurological manifestations among others, that can lead to more severe outcomes including death. In this Special Issue of *Pathogens*, we invite studies focusing on different aspects of CHIKV pathogenesis, control, and treatments of infection. Both original research and review articles are welcomed. Potential topics include, but are not limited to, acute and chronic aspects of CHIKV pathogenesis, atypical manifestations (cardiac, neurological, hepatic), and state of the art therapeutic strategies against CHIKV.

Guest Editors

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Deadline for manuscript submissions

closed (30 October 2023)



Pathogens

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.8
Indexed in PubMed



mdpi.com/si/126432

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About the Journal

Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics.

Pathogens is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

Editor-in-Chief

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