

Special Issue

Zika Virus and Host Interactions

Message from the Guest Editors

Zika virus is the mosquito-transmitted flavivirus that was responsible for a recent pandemic in the Americas.

Brazil was at the epicenter of this outbreak and experienced an inordinate number of babies born with microcephaly and other neurological disorders. In addition to being a teratogenic agent, Zika virus infection is linked to increased risk of Guillain-Barré syndrome in adults. Although the virus was discovered over 70 years ago in Africa, prior to the 2015/2016 outbreak, very little was known about this pathogen. Accordingly, to limit Zika virus-associated disease in future epidemics, it is imperative to further understand how this pathogen interacts with different host cell types. The aim of this Special Issue of *Cells* is to showcase the latest research findings that advance our knowledge of how Zika virus targets cellular pathways to allow productive replication and establish persistence. It is anticipated that findings from these studies will lead to a molecular understanding of viral disease and form the basis for novel anti-viral therapies. We welcome submissions from the community that focus on all aspects of Zika virus–host interactions.

Guest Editors

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Dr. Anil Kumar

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Deadline for manuscript submissions

closed (30 September 2019)



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About the Journal

Message from the Editorial Board

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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