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Zika Virus and Host Interactions

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Deadline for manuscript
submissions:

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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.



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Special Issue



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