

Special Issue

New Insights in Zika Virus Pathogenicity and Resistance to Infection

Message from the Guest Editors

Zika virus (ZIKV) is a mosquito-borne flavivirus that was initially identified in monkeys in the Zika Forest of Uganda in 1947. Since its first identification in humans in 1952, sporadic cases of ZIKV infection were reported in Africa and Asia. However, in 2007, ZIKV caused a major outbreak in Micronesia, and in the following years several outbreaks were reported in Latin America, especially in Brazil. Zika infection was declared a global public health emergency due its association with microcephaly in newborns and other neurological disorders in adults. As of December 2021, 89 countries and territories have had reported autochthonous mosquito-borne transmission of ZIKV. Despite growing knowledge about ZIKV in the last few years, there are still many questions to be elucidate about ZIKV infection, including pathogenicity, clinical outcomes, immune response and resistance to infection. The main goal of this Special Issue is to capture recent advancements in ZIKV research. For this purpose, we invite you to submit research articles, review articles, and short communications related to ZIKV pathogenicity and resistance to ZIKV infection.

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