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Neuroinvasive Viral Infections

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Message from the Guest Editor

Viral infections in the central nervous system (CNS) are an important cause of disease. The emergence of infections like West Nile virus in the western hemisphere and the recent association between enterovirus infections with rhomboencephalitis or poliomyelitis in children highlight the ongoing impact of CNS viral infections on human health. The recent emergence of Zika virus infection and its effects on the developing CNS have highlighted the need for continued research to define the host–pathogen interactions in the developing and mature nervous system that determine disease outcomes. Viral infections in the CNS also provide important new mechanistic insights into inflammatory diseases of the CNS such as Multiple Sclerosis and, more recently, neurodegenerative diseases like Parkinson’s disease. The breadth and impact of research in the field of neuroinvasive viral infections has expanded over the years. In this Special Issue, we will focus on the most recent discoveries of neuroinvasive viral infections.



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Special Issue



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Message from the Editor-in-Chief

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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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