

Special Issue

Neuroinvasive Viral Infections

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.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2019)



Viruses

an Open Access Journal
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Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



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About the Journal

Message from the Editor-in-Chief

Viruses (ISSN 1999-4915) is an open access journal which provides an advanced forum for studies of viruses. It publishes reviews, regular research papers, communications, conference reports and short notes. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced. We also encourage the publication of timely reviews and commentaries on topics of interest to the virology community and feature highlights from the virology literature in the 'News and Views' section.

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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