Special Issue

Novel Use of Cell Culture Systems to Understand Viral-Host Interactions

Message from the Guest Editor

Interactions between viruses and their hosts are complex. Cell culture systems allow researchers to examine these interactions by using host cells in a controlled environment. In recent years the development and use of primary cultures, organotypic and 3D-cultures, and other specialized cell culture models has led to elucidation of a number of novel host-pathogen interactions. This special issue of *Viruses* is focussed on highlighting some of these new model systems that have been used successfully to increase our understanding of the complex communications between viruses and host cells. We hope that this collection of reviews and research articles will be a valuable resource for new and established researchers to apply some of these techniques into their own research.

Guest Editor

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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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