

Special Issue

Ubiquitin and Ubiquitin-Like Pathways in Viral Infection

Message from the Guest Editor

The Ubiquitin (Ub) system is a major conserved post-translational process critical in many cellular functions, including regulation of immunity, virus replication, and modulation of virus–host interactions. Since the Ub system is also critical for the activation of antiviral immune signaling, this raises the question regarding the importance of Ub in promoting virus replication versus its role in inducing antiviral responses. To develop antiviral strategies, we need a better understanding of which factors of the Ub system can be targeted to reduce virus replication and at the same time decrease immune pathology. In this Special Issue, we will explore novel aspects of virus antagonism of the immune response by targeting the host ubiquitin machinery and how viruses hijack ubiquitin factors to enhance their replication, a mechanism that ultimately can be targeted to design antiviral strategies.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2021)



Viruses

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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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