Special Issue

The Role of Lipids in Virus Replication

Message from the Guest Editors

Lipids are major constituents of the plasma membrane as well as intracellular membranes. They contribute to a vast array of cellular processes, including membrane integrity, membrane trafficking, energy storage, cell signaling, cell proliferation, apoptosis, cell differentiation, and the modulation of the innate immune response. Hence, major alterations in these lipids can have a deleterious impact on the host. With recent advances in lipidomics, there is a better understanding of how viruses modulate distinct host lipid metabolic pathways to successfully replicate and/or cause pathogenesis. This Special Issue of *Viruses* seeks to spotlight recent findings on the role of various lipids in virus entry, genome replication, and/or virus particle biogenesis. Research studies of human, animal, or plant importance are within the scope of this Issue. We also invite studies focusing on the role of lipids on innate immune regulation during virus replication.

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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.

Editor-in-Chief

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