

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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Deadline for manuscript submissions

closed (28 February 2021)



Viruses

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Impact Factor 3.5
CiteScore 7.7
Indexed in PubMed



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