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## Viral Subversion of Host Cell Biochemical and Structural Architecture

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 July 2021)**

### Message from the Guest Editor

Dear Colleagues,

It is well-known that viruses use host cells to propagate. What is less understood are the mechanisms by which viruses and cells interact. New information about how viruses use subcellular machinery in various parts of the viral life-cycle is being discovered every day. Uncovering the viral utilization of host cell biochemical and structural architecture is important for battling viral pandemics now and in the future. This topic will include articles describing viral-host interactions with emphasis on biochemical signaling pathways, subcellular compartmentalization, viral structural organization, and cellular structure as it relates to viral infection and replication. Studies concerning post-translational modifications of host and viral proteins, mechanisms of viral cytopathic effect compared to viral replication without cell death, and differences between tissue and cell-type infectivity are also acceptable in the context of biochemical and structural architectures of the cell. Translational applications of such research to drug discovery can be included. Studies pertaining to the current SARS-CoV-2 pandemic and the resulting COVID-19 will be prioritized.



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# Special Issue



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## Message from the Editor-in-Chief

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