



Viral Entry Pathways

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Message from the Guest Editors

Dear Colleagues,

Viral entry is the first step of infection in the viral life cycle and an important antiviral target. This process is initiated by specific interactions between a virus protein(s) with host factors on the host cells, and followed by diverse pathways such as endocytosis, membrane fusion, and/or viral penetration to enter the target cells. Recent work using an integral approach of cell biology studies, live-cell imaging, structural biology, and systems biology has provided new insights into the multiple and subtly different pathways that viruses use to enter host cells.

In this Special Issue, we welcome submissions of research or review articles on recent advances in our understanding of viral entry pathways. Topics may include but are not limited to the cell and molecular biology of viral entry, virus–host interactions, cellular receptors, viral structures, and antivirals of both DNA and RNA viruses.

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