

Special Issue

Alphaherpesviruses

Message from the Guest Editor

Alphaherpesviruses are widespread human and animal pathogens characterized by their ability to establish lifelong latent infection in the peripheral nervous system of their host. Infections by alphaherpesviruses can range from mild lesions or benign tumors in the skin, eye, or mucosa to a life-threatening central nervous system infection. Given their characteristic directional spread to the nervous system from peripheral sites and their ability to persist in their hosts, these viruses have evolved mechanisms to utilize the host cytoskeleton for long-distance transport and subvert the host's immune response to evade detection. This Special Issue will focus on providing up-to-date research to the readers on the mechanisms of alphaherpesviruses replication and spread in their respective host, virus–host interactions, innate and adaptive immune responses, viral immune evasion strategies, latency and reactivation, and future directions for novel antiviral strategies and vaccine development.

Guest Editor

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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