

Special Issue

Herpes Simplex Virus (HSV)

Message from the Guest Editor

Herpes simplex virus (HSV) is a common pathogen of humans, causing a spectrum of infections ranging from cold sores and genital herpes to serious neonatal herpes infections and encephalitis. However, HSV is also one of the most important oncolytic viruses (destroying cancer cells) and gene therapy vectors. A characteristic feature of HSV is the latent infection in the nervous system, mainly in sensory ganglia. The latent HSV infection is permanent, although recurrences can be treated with antiviral chemotherapy. For decades, HSV has been considered as a model organism for research on viral gene regulation, virus–host interactions, latent infection, and evasion of antiviral host responses. This Special Issue on “Herpes simplex virus (HSV)” will focus on HSV genetics, HSV genomics and molecular diagnostic methods, pathogenesis of HSV infections, antiviral host responses and viral immune evasion, antiviral therapies, and the application of HSV in cancer therapy. I cordially invite all colleagues to submit original research, review articles, case reports, and short perspectives pertaining to this important pathogen.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2023)



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Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

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