

Special Issue

Herpes Simplex Virus: From Reactivation to Assembly

Message from the Guest Editor

Herpes simplex viruses type 1 and 2 (HSV-1, HSV-2) are important human pathogens. Primary infection usually occurs at an early age, resulting in the establishment of latent infections in sensory neurons. Periodically, the virus can reactivate, causing renewed episodes of clinical disease that enable transmission between individuals. Current antivirals target HSV DNA replication during the viral lifecycle. The emerging threat of antiviral resistance among viral isolates in immunocompromised patients has created a drive for the development of new anti-HSV compounds. Vaccine research has produced many HSV vaccine candidates, but failed at human clinical trial stages. Therefore, ongoing investigation of the virus–host interactions involved during the lifecycle of HSV will inform our understanding of crucial steps such as viral reactivation and assembly. This has the potential to lead to novel therapeutic options and attenuated vaccine candidates. With this in mind, submissions are invited to this Special Issue that have a focus on HSV–host interactions, particularly in the context of viral nuclear egress, secondary envelopment, and reactivation from latency.

Guest Editor

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