

Special Issue

Unraveling Human Herpesviruses: From Molecular Mechanisms to Antiviral Approaches

Message from the Guest Editor

Herpesviruses are large, enveloped, double-stranded DNA viruses that can cause illness ranging from cold sores to cancer. The Herpesviridae family comprises three subfamilies (alpha, beta, and gamma) that produce both latent and lytic infections. There are nine herpesviruses known to infect humans: Herpes Simplex Viruses 1 and 2, Varicella-Zoster Virus, Human Cytomegalovirus, Human Herpesvirus 6A and 6B, Human Herpesvirus 7, Epstein-Barr Virus, and Kaposi's Sarcoma-Associated Herpesvirus. Human herpesviruses infect the vast majority of the human population. While much progress has been made, there is still much research required to elucidate molecular mechanisms and develop effective therapies. This Special Issue focuses on recent advances in molecular-level processes and interactions involving human herpesviral activity and treatment strategies. I invite you to submit novel research on topics such as the post-translational and epigenetic regulation of these herpesviruses, as well as advances in antiviral and vaccine development.

Guest Editor

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