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Human Herpesviruses: Diversity and Disease

Guest Editor:

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Deadline for manuscript submissions:
closed (15 November 2019)

Message from the Guest Editor

Dear Colleagues,

Human herpesviruses are ancient pathogens. They share a life cycle that allows them to cause primary infection before becoming latent, and later causing lytic reactivation. Cytomegalovirus, herpes simplex virus-1 and EBV are problems for organ transplant recipients, due to the immunosuppression required to prevent organ rejection. Recent studies have suggested a link between Alzheimer's disease and HHV-6A, 6B and 7.

Deep sequencing has revealed the recombination that has shaped CMV genomes and the complexity of anti-viral resistance. Genomics has uncovered the history of many human herpesviruses, from ancient host-switching events, to the origins of some chromosomally integrated HHV6 lineages before the last Ice Age, and the surprisingly recent last common ancestor of circulating VZV.

For this Special Issue of Pathogens, we invite you to submit either an original research article or a review of emerging aspects of human herpesvirus diversity and disease.

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Editor-in-Chief

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Message from the Editor-in-Chief

The worldwide impact of infectious disease is incalculable. The consequences for human health in terms of morbidity and mortality are obvious and vast but, when infections of animals and plants are also taken into account, it is hard to imagine any other disease that has such a significant impact on our lives—on healthcare systems, on agriculture and on world economics. *Pathogens* is proud to continue to serve the international community by publishing high quality studies that further our understanding of infection and have meaningful consequences for disease intervention.

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