

## Special Issue

# Molecular Insights into Herpesvirus Infections

### Message from the Guest Editors

Herpesviruses are a diverse family of enveloped dsDNA viruses that establish lifelong infections, posing persistent global health challenges. They cause a spectrum of clinical outcomes, from asymptomatic carriage to severe diseases including encephalitis, congenital infections, and malignancies. Despite progress in antivirals and vaccines, herpesviruses evade immunity through complex latency, epigenetic regulation, and evolved host–virus interactions. Their ability to reactivate under stress underscores the need for mechanistic investigation. Recent advances in molecular biology, structural virology, and high-throughput sequencing now enable dissection of herpesvirus biology at high resolution. This Special Issue, "Molecular Insights into Herpesvirus Infections," invites original research and reviews that uncover fundamental mechanisms, introduce innovative methodologies, and explore translational applications in diagnosis, treatment, and prevention.

### Guest Editors

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### Deadline for manuscript submissions

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## About the Journal

### 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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### Editor-in-Chief

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