



## Viruses and Ocular Infection

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### Message from the Guest Editors

Dear Colleagues,

In the current COVID-19 pandemic, many studies have shown that SARS-CoV2 RNA and protein can be detected in the ocular tissues; however, the transmission of this virus via the eye is still debatable. Similarly, flaviviruses, including dengue virus, Zika virus, and West Nile virus, are globally distributed and infect up to 400 million people annually and remain the leading cause of global health problems. However, to date, their ocular complications remain underreported. Herpesviruses have been shown to cause lifelong latent infections in neurons, and their reactivation causes vision-impairing conditions known as herpetic stromal keratitis. Likewise, the Ebola virus has been shown to use eyes as a safe haven and cause secondary infections. Looking at viruses and their close association with eyes, it is of utmost importance to investigate and highlight the disease pathobiology, related mechanisms, and novel therapeutics for viral disease to treat ocular and other health-related complications.





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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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