Special Issue

Herpesvirus Latency

Message from the Guest Editors

This Special Issue will focus on herpesvirus infections of humans and specifically focus on mechanisms of how these viruses maintain and regulate latency. Recent advances in model systems to study latency in vitro as well as sensitive techniques to analyses populations of latently infected cells in vivo have illuminated the dynamic state of latent infections. This issue will include a survey of advances in our understanding of the epigenetic control of latency, single-cell analyses of latency, as well as the role of noncoding RNAs in regulating the fine balance of latency and reactivation. New models of in vitro latency, such as iPSC cultures and organoids, as well as new in vivo models, such of humanized mice, will also be highlighted. Finally, this issue will discuss the correlations of these experimental approaches with recent high-resolution analyses of the dynamic state of herpesvirus infections in humans in an attempt to provide a comprehensive view of herpesvirus latency.

Guest Editors

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Editor-in-Chief

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