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New Advances in Pathogenesis and Treatment of HIV Infection: Molecular Insight and Preclinic Research

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Deadline for manuscript submissions:

closed (15 May 2022)

Message from the Guest Editors

Infection caused by human immunodeficiency virus (HIV) remains one of the most important challenges for researchers and requires the development of strategies and effective cures.

The spectrum of diseases associated with HIV ranges from opportunistic infections and cancers to systemic physiological disorders such as encephalopathy and neurocognitive impairment. Over the last few years, much progress in controlling HIV infection has been made by highly active antiretroviral therapy (HAART). However, HAART neither eliminates the virus reservoirs in the form of latently infected cells nor completely reconstitutes the immune reactivity and physiological status. Furthermore, the causal relationships between the complex sets of viral and immunological processes that contribute to protection or disease pathogenesis remain poorly understood.

The aim of this Special Issue is to publish high-quality research on the pathogenesis and treatment of HIV. This research will contribute to the development of new methodologies for analysis and therapy, and to the prediction of the functional restoration of the immune system and the health of the infected host.



mdpi.com/si/66350

Special Issue



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Message from the Editor-in-Chief

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