



Innate Immunity in HIV-1 Infection

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Message from the Guest Editor

Dear colleagues,

This Special Issue delves into the complex interactions between the human immune system and the human immunodeficiency virus (HIV). Despite the efficacy of current anti-HIV drug regimens in controlling transmission and replication, HIV remains a significant global health challenge. The issue focuses on understanding the mechanisms of HIV pathogenesis, its life cycle, latency and available therapeutics. Efforts to eradicate or cure HIV have faced obstacles due to the persistence of latent HIV reservoirs. Additionally, preventive and therapeutic vaccines have encountered limited success due to the adaptability of the virus. Various prophylactic approaches, including microbicides, have struggled to produce desired outcomes. The research presented here aims to uncover insights into immune responses against HIV, identify vulnerabilities in viral replication and develop more effective vaccination strategies for combating the infection.





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Message from the Editor-in-Chief

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