

Special Issue

HIV-1 Dynamics and Public Health

Message from the Guest Editors

HIV is a significant global health threat. While the epidemic is not primarily restricted to particular high-risk population groups in Africa, the virus mainly circulates within men who have sex with men, sex workers, and people who inject drugs in other parts of the world. Different strategies have been implemented to reduce transmission. This includes awareness about HIV, behavioral changes, access to prevention and treatment (like antiretroviral therapy or ART) tools, and increasing and promoting HIV testing. Despite the implementation of these concerted efforts to combat the epidemic, thousands of new infections and deaths still occur annually. HIV dynamics and its impact on public health are complex, and understanding how it spreads within populations is crucial for improving prevention strategies or developing new ones. This Special Issue covers research aiming to understand the evolution of HIV epidemiology, transmission, the effectiveness of interventions, and other preventive strategies and modeling.

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Editor-in-Chief

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