



## HIV/AIDS Epidemiology, Prevention and Diagnostics: Current State of Research

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### Message from the Guest Editors

Dear Colleagues,

From the first clinical cases in men who have sex with men to developing clinical signs, the use of CD4-T-cells strata, self-administration of rapid diagnostic tests, the introduction of viral load measurements and resistance testing, and the development of safe and effective antiretroviral treatments, not many fields in medicine have seen as many advances as the field of HIV in the last 30 years.

Large public health interventions such as the prevention of mother-to-child transmission, the role of antiretroviral treatment, male circumcision or treatment as prevention have shaped the epidemiology of HIV. Similarly, over the years, innovative ways of diagnosing HIV, especially in vulnerable groups, have evolved. and we can see the clear impact not only at the patient but also at the community level.

We invite colleagues to contribute to this special article with original articles, reviews or meta-analysis that provide new insight into current research in the global HIV epidemiology, prevention and diagnosis.

Dr. Lars Henning  
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*Guest Editors*





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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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