

## Special Issue

# Molecular Research on Human Retrovirus Infection: 2nd Edition

### Message from the Guest Editors

Progress has been made in preventing and treating diseases caused by human retroviruses. However, more than 40 years after discovering these viruses, there are still no vaccines or complete cures for human retrovirus infection. Human T-cell leukemia virus type 1 (HTLV-1) induces adult T-cell leukemia (ATL), and human immunodeficiency virus type 1 (HIV-1) induces acquired immune deficiency syndrome (AIDS). Both viruses infect CD4 T-cells, and HTLV-1 immortalizes and HIV kills CD4 T-cells. In this Special Issue, we welcome research reports on not only the molecular mechanisms of ATL and AIDS, but also other retrovirus-associated diseases and related opportunistic infectious diseases, including tuberculosis. Papers that propose new treatments are also welcome.

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### Guest Editors

Prof. Dr. Yosuke Maeda  
Prof. Dr. Toshio Hattori  
Dr. Kotaro Shirakawa

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### Deadline for manuscript submissions

closed (25 February 2026)



## International Journal of Molecular Sciences

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