

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.

Guest Editors

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Deadline for manuscript submissions

closed (20 July 2025)



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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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