Special Issue

Current Strategies to Eliminate Latent HIV Infection

Message from the Guest Editors

HIV infects a variety of cells in the body. To regulate or remove the HIV latent reservoir, several treatment options are being studied. These include either the total eradication of all persistent HIV (sterilization) or the immunological control of persistent HIV (functional cure). The “shock and kill” approach is the focus of contemporary sterilization cure research. Recently, clustered regularly interspersed short palindromic repeats (CRISPR) and CRISPR-associated protein 9 (CRISPR-Cas9) technology have been utilized to eradicate the HIV-1 latent reservoir by editing out the viral genome. In addition, many studies have focused on using nanotechnology-based anti-retroviral, CRISPR-Cas9, and other small molecule drug delivery targeting these HIV sanctuaries. The purpose of this thematic issue is to call for all basic and translational studies on exploring HIV-1 latency, novel drugs, and drug-delivery approaches targeting latent HIV infection in various parts of the body.

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Deadline for manuscript submissions

closed (30 April 2022)

Biomolecules

an Open Access Journal by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed

mdpi.com/si/97093

Biomolecules
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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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