

Special Issue

HIV Therapy: The Latest Developments in Antiviral Drugs

Message from the Guest Editor

This Special Issue, "HIV Therapy: The Latest Developments in Antiviral Drugs", aims to collate cutting-edge experimental and laboratory research on HIV treatments. Despite significant advancements in antiretroviral therapy (ART), challenges such as drug resistance, long-term toxicity, and the quest for a functional cure or eradication necessitate continuous innovation. We invite contributions that delve into novel antiviral agents, including small molecules and biologics; their mechanisms of action; and innovative therapeutic strategies. Emphasis will be placed on preclinical studies, in vitro and ex vivo models, the virological and immunological mechanisms underlying new therapies, novel drug delivery systems explored at the laboratory level, and approaches to understanding and targeting HIV reservoirs. This Special Issue will highlight basic and translational research that underpins the development of next-generation HIV therapies, focusing on the molecular, cellular, and immunological insights that will pave the way for future clinical applications. We welcome original research articles and comprehensive reviews that fit within this experimental medicine framework.

Guest Editor

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

Editor-in-Chief

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