

Review of: "[Perspective] Hypochlorous Acid (HOCL): A Multifaceted and Promising Therapeutic Perspective Against Human Immunodeficiency Virus (HIV)"

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Potential competing interests: No potential competing interests to declare.

This manuscript presents a thorough analysis of the hypochlorous acid (HOCl)'s possible therapeutic applications in the fight against HIV infection. The authors skillfully explain the mechanisms behind both HIV pathogenesis and HOCl's antimicrobial qualities, providing insightful information about the viability of using HOCl as a novel antiviral drug. The following remarks and recommendations are offered for further enhancement of the manuscript.

Comment 1: The manuscript is well-structured, with clear descriptions of sections. However, the introduction could be further refined to briefly outline the key objectives and significance of investigating HOCl as a potential therapeutic intervention for HIV/AIDS.

Comment 2: It would be helpful to include more precise instances or experimental proof of HOCl's effectiveness against HIV, such as pertinent in vitro or in vivo research, in order to deepen the analysis. Furthermore, a better understanding of the interaction between HOCl and HIV-specific molecular targets may clarify the substance's potential use as a treatment.

Overall, the manuscript offers a compelling rationale for exploring HOCl as a promising adjunctive therapy for HIV/AIDS. By addressing these issues, the manuscript's scientific rigour, clarity, and applicability to HIV research and treatment development would all be strengthened even further.