

## 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.

- 1. The importance of the review is great. However, the quality of the review is low overall due to a few numbers of literature backup. Do more literature review to improve the quality of the review.
- 2. From this statement in the abstract, "Human Immunodeficiency Virus (HIV) infection, known as Acquired Immunodeficiency Syndrome (AIDS)," it was stated that HIV and AIDS are the same. Justify the difference and relationship between the two.
- 3. The statement "This perspective traditional approaches to HIV therapy, the socioeconomic impacts of the disease, and the potential of innovative treatments like hypochlorous acid (HOCI)" in the abstract is not a complete sentence. Let the importance of this sentence be revealed in the body of the abstract by completing the sentence.
- 4. In the introduction, you stated that "Human Immunodeficiency Virus (HIV) infection, commonly known as Acquired Immunodeficiency Syndrome (AIDS)," justify the difference between these two.
- 5. Strengthen the introduction with enough citations. There are many sentences without citations in the introduction; add sufficient citations to every sentence.
- 6. Develop your figure one yourself. Use your understanding of the pathways of how HIV evades the immune response of the host to create an image to represent your figure 1.
- 7. Under "2. Subversion of Early Innate Immune Responses by HIV: Mechanisms and Implications for Pathogenesis," you have just two citations to justify the whole sentences. Improve the quality of the paper by citing more papers to justify your statements.
- 8. Create your own figure 2 as mentioned above for figure 1.
- 9. Provide more details on the Chemical Profile of Calcium Hypochlorite as an HOCl Source. Including the molecular structure of the compound and relate the structure of the compound to the mechanisms of mitigating HIV.

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