

Review of: "[Review Article] Cytomegalovirus Infection"

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Potential competing interests: No potential competing interests to declare.

First of all, I would like to thank you very much for inviting me to peer review this manuscript. Dhuha Abdulla through the article on Cytomegalovirus (CMV) Infection provides a comprehensive exploration of CMV, covering its characteristics, history, transmission, clinical manifestations, and preventive measures. However, the paper lacks a clear emphasis on novel diagnostic techniques and recent advancements in the field. While the historical context and transmission modes are well-addressed, there is a notable absence of detailed information on contemporary diagnostic technologies. The abstract briefly mentions the use of PCR techniques, but this reference to molecular techniques is limited, requiring a more in-depth exploration. The introduction could benefit from explicitly stating specific objectives or hypotheses related to novel diagnostic methods and highlighting the current gaps in CMV diagnostic approaches. The diagnosis section should be expanded to delve deeper into the limitations of current methods, especially PCR techniques, and introduce emerging diagnostic technologies. The conclusion should be strengthened by explicitly emphasizing the need for further research and development in CMV diagnosis, underscoring the potential of novel diagnostic methods. A more engaging and accessible language style throughout the article, along with the inclusion of recent references, would enhance its appeal and relevance. In summary, the article would benefit from a more explicit focus on innovative diagnostic approaches to provide a well-rounded understanding of CMV infection and its contemporary management.

I believe the outlined comments and suggestions is likely to enhance the overall completeness and relevance of the paper, making it more robust for publication. I would kindly advise the author to incorporate these refinements, so that the article can better fulfill the expectations of readers and contribute more effectively to the existing literature on Cytomegalovirus (CMV) infection.