

Review of: "[Commentary] Implications of HPV infectivity in early diagnosis and treatment of advanced/recurrent malignancies"

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Potential competing interests: No potential competing interests to declare.

After analyzing the manuscript and the provided comments, several key points and areas for improvement can be identified for the manuscript under review, which focuses on the role of HPV in the pathogenesis and treatment of various cancers. Here is a consolidated comment on the manuscript:

Comment on the Manuscript:

The manuscript presents a significant review of HPV's influence on different malignancies, covering aspects such as epidemiology, preventive measures, and treatment response compared to non-HPV-associated diseases. Although the document provides valuable and relevant information, several areas are identified that could be improved to enrich its content and clarity.

Structure and Coherence: It is suggested to reorganize the content following a more systematic structure, as proposed by the first reviewer: features of HPV, genotypes, transmission mechanisms and persistence, association with different diseases and types of cancer, specific epidemiology (in this case, in Japan), detection, prevention through vaccination, and treatments, especially immunotherapy.

In-depth Discussion on Specific Topics: It would be beneficial to include a more detailed discussion on specific aspects, such as the oncogenicity of HPV, the efficacy of vaccines against common HPV mutations, and a broader comparison of immunotherapy treatment results worldwide.

Inclusion of Visual and Comparative Material: Adding histograms for comparisons could significantly enhance the understanding and visual impact of the manuscript.

Expand Geographic and Thematic Scope: While focusing on data from Japanese national universities provides a unique perspective, including studies from other world regions could increase the generalization of the findings. Also, a broader discussion on HPV vaccination, addressing challenges and strategies for its promotion globally, is recommended.

Improve Writing and Conclusion: The document could benefit from a thorough review to improve the cohesion and flow of the writing. Additionally, the conclusions should be more robustly supported by the evidence presented throughout the manuscript.

In conclusion, the manuscript addresses a topic of great relevance in medicine and cancer research. However, to maximize its impact and usefulness, it is essential to reorganize the content, deepen key topics, clarify data and conclusions, and enhance the visual and written presentation of the document.