

Review of: "Analysing the Automation of Artificial Knowledge in Virology for Safety and Effectiveness in Healthcare: Equilibrium of Advancement and Trials for Secure and Productive Health Necessities"

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Potential competing interests: No potential competing interests to declare.

Headings can be concise. The picture is a random image and does not communicate with the motif of the article. Also, if the image is not made by the authors, then they need to disclose the source of the image and probably need to ask for intellectual permission.

Abstract: As this is a review article, the authors should mention in the abstract and in the Introduction. Also, what type of algorithm or method can be used may be mentioned in the abstract.

Keywords: Authors should be careful to choose the keywords. As they mentioned, the process could be universal; therefore, India is meaningless in the keywords. Also, Artificial Intelligence and AI technology are similar.

Introduction: The introduction is not sufficient. There are more ways to improve it. It can be improved by including a general discussion about AI and its relevance in data analysis. Why it is important and how it's going to be beneficial. The introduction should also include the justification for this study.

Materials and Methods: This section does not convey enough detail for the methodology; rather, it can be merged into the introduction part. In the methodology section, the theoretical discussion of the AI method can be included, e.g., how the AI method was developed or what the algorithm is and what the principles are.

- Why is the heading "Global and India Perspective"? Does AI play differently in India rather than in the rest of the world? Authors need to explain these phenomena.
- Authors claimed that AI can predict how viruses mutate, proliferate, and intervene with host cells. They should include a graphical schematic or flow diagram which will give a visual presentation to the readership.
- There is room to improve how AI is involved in the development of vaccines. Authors can discuss the failure of vaccine trials and the cost of the process. In that sense, how AI is going to help the process.
- Authors can include real medical image analysis to help the readership. The article focuses on the virus; albeit, authors discuss how image analysis is helping in cancer, whereas most of the cancers are not viral.

Overall, the idea of summing up the current knowledge on AI for healthcare safety is interesting. This could be an interesting source of information; however, the article is very short and underdeveloped. There is more room to enrich the



article.