

# Review of: "Sting Pathway Activation by Orally Administered Attenuated dsRNA Vaccine Virus for Therapy of Viral Diseases"

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Potential competing interests: No potential competing interests to declare.

The article highlights a potential solution to combating viral pandemics through the use of an avian virus. If successful, this would be a medical breakthrough. The author may wish to address the following concerns about the article:

1. Abstract: The author should explicitly state the aim of the study. There are too many keywords.
2. The objective of the study should be stated in the last paragraph of the introduction.
3. The author says that the oral vaccine is clinically safe and effective for the post-exposure therapy of four different viral diseases. More details of clinical trial results of the effect of the vaccine on the different viruses should be discussed. Has it been tried against HAV in humans? What is the result?
4. The author provides the effect of the virus on the cytokine profile of cell lines. The cytokine profile of the patients with acute HBV/HCV treated for 24 weeks should be provided.
5. The author may wish to discuss the pharmacodynamics of this vaccine since it is orally administered. What of bioavailability? What is the mechanism of action when it is absorbed?
6. The author should do full referencing in the reference section and not in the text.
7. Re-format the conclusion. The author should briefly discuss the prospects, limitations, and future research.