Peer Review:

An Investigation into the Significance of HHV-6 in Catatonia and Mental Health Disorders by S. Das

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1. Relevant or Original Topic:

The topic of choice is a good original selection. While not much research has been done specifically in this area, the author manages to capture the reader's attention into understanding the link between the variables of the study. Background study about catatonia, encephalitis and other mental health disorders could be elaborated and explained deeper in the introduction or the following sections. The reason for taking up this topic specifically and the motivation to do this study could also be included to give more depth to the review article.

2. Writing Style:

While overall, the writing style remains consistent, the author can employ a more focused, formal scientific lexicon style instead of a casual, opinionated, view based point of sentence formation as observed in a few cases. The mention of the hypothesis can be in the aims and objectives section of the paper, following the introduction and need not be mentioned separately as a sub title. Few statements are vaguely described which can focus on the pathophysiology of the virus, the demographics of the population affected, the ethnicity, gender, other factors. Overall the style is good, however there certainly is room for improvement with a strong emphasis on scientific terminology and statements showing the importance of this review paper. The section focussing on the different types of catatonia and the symptoms presented can come in the definitions section and need not be included in the main review article. The section break between the introduction and the other parts are not very clear, and the author could have utilised this opportunity to set up a more descriptive, verbose headers for this piece. In a few sections, the matter seems to be repetitive and has been mentioned previously, this could have been avoided to make the paper more succinct.

3. Data/Argument:

The argument with a focus on the research work that has been done previously in this area has been brilliantly depicted. It was easy to understand and the author maintained a right balance of scientific facts and depiction of translational findings. However, what seems to be missing is more groundwork and foundation building for this particular area to be researched upon. The abstract and introduction could be better framed and constructed painting a more wholesome picture on which mental conditions are being looked into, what is the current status of research on HHV-6, the different methods employed to do a literature review analysis for this paper (which seems to be lacking completely here), the keywords used for conducting specific searches for this topic to be researched into. The data presented for this part seems to be missing a few important components which would give it a well-rounded paper and complete the analysis too.

4. Consistent Conclusions:

The conclusion section of the paper is well illustrated, succinct and displayed appropriately with the quality and quantity of data provided by the author. While it would have been scientifically more sound to include some empirical evidence on the studies conducted, figures, statistics and current ongoing research in this field, the conclusion by itself still seems moderately well-written.

5. References & Citations:

90% of the paper seems to be lacking citations and are presented as empty statements. This makes it extremely hard for the reviewer and the reader to believe in the quality of the research done as it seems to be missing scientific validity and is presented as anecdotal evidence. Citing each claim is extremely important in an academic paper and should be looked into deeply for all further publications.