

Review of: "An Investigation of The Phytochemical Richness of Fresh Musa Paradisiaca L. (Plantain) Stem Juice and Its Anticonvulsant Potential on Pentylenetetrazole (Ptz)-Challenged Rats"

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Potential competing interests: No potential competing interests to declare.

This study is well done and confirms previous findings; however, I have some comments:

In the introduction, the gap in knowledge about fresh stem juice and the rationale for choosing the plantain should be explained. Some parts are not related to the topic of this manuscript.

Please explain why you chose a medicinal plant as an alternative. What are its advantages and disadvantages?

Please provide more information about the study population. How was demographic data collected? What was the sex of the test subjects?

The methods section should include more information on the sampling scheme used in the study. The sample size is small.

The legend of Table 1 is weak; it must be fortified. GCMS should have been conducted on these samples.

The discussion has little discussion about the strengths and weaknesses of this study.

The conclusion should be revised; at present, it only contains results. What do the authors feel is the overall 'take-home' message for this paper?

Are there any recommendations based on the findings of this study? Indeed, you did not mention the limitations of your study.

Best regards,