

# 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.

Note to the editor: I appreciate the opportunity to give my perspective on the manuscript "An Investigation of The Phytochemical Richness of Fresh Musa Paradisiaca L. (Plantain) Stem Juice and Its Anticonvulsant Potential on Pentylenetetrazol (Ptz)- Challenged Rats."

In my opinion, it is a very interesting topic that could impact people's health; however, there is still a long way to go. Some appreciations:

- 1.- The paragraphs of the background and discussion of results are too long.
- 2.- The information in the last paragraph of the background is basically the same as at the end of the previous paragraph (integrate it into the previous one).
- 3.- Equipment: It is not necessary to put this paragraph.
- 4.- The description of the groups in the results is repeated continuously; it is not necessary.
- 5.- The weight range of mice (18-26 g) and rats (120-220 g) is very large; this could have influenced the results.
- 6.- They talk about percentages of juice in the treatments administered, but they do not say the amount of juice provided per weight of the animal.
- 7.- In the analysis of the phytochemicals of the juice, the references used for the methodology are mentioned; however, it would be interesting and more illustrative to briefly describe the methods used.
- 8.- More evidence needs to be presented on the relationship between bioactive compounds and anticonvulsant activity, which can be obtained from in vitro experiments, etc., which will help reinforce the findings of this work.