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.

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

Thanks for including me in the reviewers list, and I ask authors to complete the following items

1. Authors mention in the abstract section, line 5, that PTZ is injected I.P. after 60 min of oral doses of MP stem juice, but they mentioned that this process is done after 45 min in the induction procedure in the methods section. Which one is correct?
2. Authors must mention in the experimental animals' part in the methods section that rats were used for the experiment while mice were used for determination of acute toxicity.
3. The animal sample used in this study is not convenient. The wide range of rat weights used (120- 220 gm) does not help authors in adjusting the dose of MP juice used, especially since the authors did not mention how many ml of juice was used for each animal along the 10 days with the high difference in their weights.
4. Authors did not mention how many days MP juice was administered to mice during the determination of acute toxicity; is it one day or for 10 days? I think that the acute toxicity test on rats is more valuable, or authors cited Onyenekwe et al. (2013) as a reference, as mentioned in the discussion section.
5. In table 3, tonic seizure latency and clonic seizure onset in group VI decreased when compared to group V. This needs clarification to explain why these parameters decreased, opposing the expected higher results with increased dose as in the former.
6. I think the expression **(potent)** in line 4 in the discussion section is not acceptable. Authors must separate each constituent from the MP juice and determine which one (flavonoid, alkaloid, etc.) has the effect and its least effective dose. When the effective dose is very minute, we can say potent drug.