

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"

Julius O. Ode

Potential competing interests: No potential competing interests to declare.

The writing of the manuscript is good and presented in a simple and straightforward manner for easy understanding. The author should, however, address my observations as provided below:

1. Reconcile the specific time allowed prior to the injection of pentylenetetrazole (PTZ): 60 min was mentioned in the abstract section, but 45 min could be found under the induction procedure.
2. Under Episode 1 of the Results, Paragraph 2: Let a full stop be inserted after the bracket in this way: 'There was a non-significant ($p > 0.05$) increase in the tonic seizure latency in group IV (10.44 ± 1.23 min) compared to that of group III (7.46 ± 5.86 min). Then recast the statement that continued: 'but was significantly ($P < 0.05$) higher (23.62 ± 9.64 and 16.07 ± 2.67 min, respectively) with groups V and VI that received 75 and 100% v/v stem juice.' Note that it does not appear proper to compare the values of the tonic seizure latency e.g., (11.26 ± 1.38 min) with the clonic seizures onset. Variations in the clonic seizures onset should rather be pointed out in relation to the groups. It would not be right to say that 11.26 ± 1.38 min is higher than 23.62 ± 9.64 and 16.07 ± 2.67 min.
3. Line 4 and 5 from the beginning of the Discussion: 'In the preliminary studies involving the phytochemical screening, the phenolic content, which is relatively more abundant, indicates that the MP stem juice **is a** potent anticonvulsant.' Replace **is a** with: could be a potent...
4. End of line 18 of the Discussion: 'Some researchers **alschad it** that flavonoids have demonstrated -----' It is better to replace **had it** with: documented that. The sentence can now read: Some researchers also documented that -----
- 5 '---- folk claim' was used in the Conclusion. I feel "folkloric claim" is better.

Thank you.