

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.

Review comments:

Did you check the concentration using TDS meters?

Concentration of phytoconstituents – mention the method

Table 3. Anticonvulsant effect of the stem juice of *M. paradisiaca* on PTZ-induced seizures in adult male albino rats (Episode 1) – why was the treatment protocol repeated under the Table 3 result description? Similarly in Tables 4 & 5

In the discussion, it was mentioned that - The results of episode 1 show that medium and high doses of fresh MP stem juice (75 and 100% v/v) remarkably increased the latency periods of tonic/clonic seizures. But group V & VI showed a remarkable increase in the latency periods

Moreover, a dose-dependent increase in the latency period was not found with this study.

The discussion needs more points of view about your study rather than others' results and comparisons. I mean, the type of epilepsy induced by PTZ, tonic seizures, clonic seizures, other pharmacological studies of *Musa paradisiaca* L