

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.

The study evaluated the effect of *Musa paradisiaca* stem juice on PTZ-induced seizure in Rats model. The results are interesting and promising. However, there are few concerns.

1. There is a scarce representation of the specific plant stem area that was used in this study.
2. It will also be useful to know, at what stage the plant stem was collected.
3. In the acute toxicity, results only show mortality. We know that acute toxicity is not restricted to mortality but also to behavioural changes within a reasonable time frame across the studied group.
4. The number of animal per group less than 5 may also affect the power of the study.