

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.

1. The abstract is lacking the relevance of the study- please include a brief background.
2. There is a lack of reference to literature throughout the study. Please include a reference for each sentence. Ensure methods are properly referenced and update references where possible.
3. Please include more details about the plant species, such as the plant collection coordinates, age of the plant, and stems collected, and also include the voucher specimen number.
4. What is the justification for using fresh stem juice vs dried material?
5. Please include the list of phytochemical tests that were conducted.
6. How was the abundance of the phytochemicals calculated?
7. GCMS or LCMS should have been conducted on these samples.
8. Please elaborate on studies when making comparisons in the discussion, such as the extracts used, the dosages, etc.
9. Interesting study- however, major improvements are required before publication.