

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 article is well-structured and offers good insight into the potential anticonvulsant properties of Musa Paradisiaca stem juice. It highlights its historical use in traditional medicine for managing seizures, which serves as a bio-friendly pharmacologic alternative to existing antiepileptic drugs. Here are my suggestions:

1. Can the experimental design be clarified by providing more details such as randomization methods and any potential biases?
2. Were there any limitations that were encountered, and if so, could more light be shed on them? Limitations could include sample size, potential confounding factors, etc.
3. Is there a way to further enhance the understanding of the pharmacological actions of Musa Paradisiaca stem juice by exploring other potential mechanisms through which the juice exerts its anticonvulsant effects?
4. A comparison between Musa Paradisiaca stem juice and existing antiepileptic drugs' effectiveness could prove to provide a more complete context for its potential clinical applications.