

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. Could you elaborate on the rationale behind the selection of the experimental groups, including the doses of Musa paradisiaca stem juice administered?
2. How were the control groups (normal saline and untreated) and the standard treatment group (diazepam) chosen, and what was their role in the study?
3. What safety measures were employed to assess the impact of Musa paradisiaca stem juice on the rats?
4. Could you provide more details on the results of the phytochemical screening, particularly regarding the abundance of phenols, alkaloids, and flavonoids?
5. Besides phenols, alkaloids, and flavonoids, were there any other notable bioactive compounds identified in the Musa paradisiaca stem juice?
6. What are the potential implications of the study's results in the context of developing treatments for epilepsy?
7. Were there any limitations acknowledged by the authors in the study design or execution?