

# 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 "An Investigation of The Phytochemical Richness of Fresh Musa Paradisiaca L. (Plantain) Stem Juice and Its Anticonvulsant Potential on Pentylenetetrazole (Ptz)-Challenged Rats" by Abastine Chinweike Ugwuoke, Valentine Odirachukwumma Nwanelo, Yusuf Dawoye, et al. is a well-written and informative research paper that explores the potential of plantain stem juice as an anticonvulsant agent. The authors have conducted a thorough investigation of the phytochemical composition of plantain stem juice and evaluated its anticonvulsant activity on Pentylenetetrazole (PTZ)-challenged rats. The study provides valuable insights into the potential use of plantain stem juice in managing convulsions.

The authors need to include the following in the article:

1. The rationale for selecting a sample size of 4 in the experimental study
2. The rationale for selecting doses, since the authors performed the study as per OECD guidelines 425 where the dose selection is different