# 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"

Fred Ssempijja[1]

1 University of Edinburgh

Potential competing interests: No potential competing interests to declare.

## METHODS

### Plant material:

- Give the coordinates of the place where the plant material was collected
- Give the botanical/taxonomical details of the plant provided by the taxonomist who identified the plant

### Experimental animals

- Provide references as much as possible for some statements

### Equipment and chemicals

- Provide the manufacturer information of equipment and chemicals used, such as company name, city, country, & brand number, to make it possible for competent researchers from your field to replicate your study.
- Cite statements as much as possible

### Phytochemical analysis of MP stem juice

- Details regarding the specific scientific method/protocol used for the analysis of each phytochemical component need to be provided

### Experimental design

- In the study design, name the groups of the study, e.g., Normal control, standard control, negative control, positive control, test, etc., and for each group, state the specific treatment subjected to the animals and give details of drugs, etc., and the specific dosage, including duration of treatment, etc.; these should better be presented in tabular form

### Statistical analysis

- State how different sets of results were presented, e.g., phytochemicals, acute toxicity, seizures, etc., including the units of measurement

- State the data that were analysed and provide details of the software and method/tool used to analyse each data set

**Conclusion**

- The conclusion should add recommendations for prospective action based on the findings, limitations, and strengths of the article

**Additional article for reference**

- Read the following recent article about phytochemicals attenuating seizures and see how to relate it to your work and incorporate it

**https://pubmed.ncbi.nlm.nih.gov/36866635/**