

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"

Diah Ratnadewi¹

¹ Bogor Agricultural University

Potential competing interests: No potential competing interests to declare.

REVIEW FOR 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

1. The idea of the research is very good, and the authors described its background and justification excellently.
2. Some of the authors published similar research results in 2023 (Ugwuoke SC, Nwanelo VO, Ogugofor MO., Ugwu OC, Anosike CA (2023) Antiepileptic Effect ofMusa paradisiaca Stem Juice on Pentylenetetrazole (PTZ)-induced Seizures in Albino Rats. J Res Pharm 27(3): 1056-1065). This study should be connected to that of 2023 to unveil the potency of the MP stem juice in reducing seizure manifestations. And it would be more valuable if the authors (researchers) went into more detail by identifying the phenolic compounds which contribute to those good effects.
3. There are several parts in the methodology which need to be described clearly and consistently. For example, the uses of 18 and 24 different rats, episodes 1, 2, 3, LD50.