

# Review of: "Phytochemical Analysis and Antioxidant Activity of Extracts from *Berchemia zeyheri* — A Swazi Medicinal Plant"

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Potential competing interests: No potential competing interests to declare.

## Comments

### General comments

Authors in their manuscript have presented a detailed account of the chemical, biochemical, and biomedical applications of phytochemicals derived from the plant *Berchemia zeyheri*. However, the manuscript contains some typos and grammatical errors that should be corrected. The authors are required to strictly follow the format while writing the manuscript. The conflicts of interest and ethical issues, if any, should be declared. The introduction section should clearly demonstrate the purpose of the study and its significance. The authors are required to present a critical analysis of the data and information rendered by various workers and offer suggestions for further productive research.

### Specific comments

1. The manuscript contains relevant information on the subject of research that could be of use to researchers and the pharmaceutical industry. However, the authors have performed only two experiments. Addition of more experiments like HPLC, LC-MS, etc., can provide strength to the paper.
2. In the title, the plant name should be *italicized*.
3. Abstract should be precise and needs to be rewritten.
4. Please elaborate on the future prospects of the phytochemicals. The contribution of the plant as such to public welfare and environmental health may also be illustrated.
5. There are some substantial improvements required, such as the identification of plant material, the reason for selecting *B. zeyheri* for your study, and why the yield of extract varies with the solvent.