Reviewer’s report

Title: In vitro antioxidant and antimalarial activities of leaves, pods and bark extracts of Acacia nilotica (L.) Del.

Version: 1 Date: 04 Mar 2017

Reviewer: Ahmed Abdel Moneim

Reviewer's report:

- Your test article is not chemically characterized. In order to understand mechanism of action the chemical constituents should be identified or should be researched for this study and a scientific rationale provided as to how and which of the mixture components are contributing to the observed effects reported in your study.

- Phytochemical screening of the extract is important.

- "plant extracts were prepared by dissolving plant extracts in 40% (v/v) ethanol" is ethanol safe?

- How the authors calculated the Hill-slope?

- What the antimalarial mechanism of the extract?

- "Tukey tests were carried out to determine significant group differences (p < 0.05)" I did not find statistics in the work.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

No

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

Quality of written English
Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

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