Reviewer's report

Title: In vitro antioxidant and cholinesterase inhibitory activities of Elatostema papillosum leaves and correlation with their phytochemical profiles: a study relevant to the treatment of Alzheimer's disease

Version: 0 Date: 04 Aug 2017

Reviewer: Sarada Subramanian

Reviewer's report:
In this manuscript, the authors have made an attempt to investigate the therapeutic potential of the methanolic extract of Elatostema papillosum leaves. Their results demonstrate the antioxidant potential and cholinesterase inhibitory activity of the methanolic extract, which are relevant in the context of treatment for Alzheimer disease.

Minor comments:
1. Since no pharmacological effects of Elatostema papillosum have been reported till date, the authors may explain as to what prompted them to choose this plant for their studies.
2. Since no information is available regarding the safety/toxicity of this plant species, the authors need to add a comment on these in their 'Discussion'.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes

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.
Yes
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 am able to assess the statistics

**Quality of written English**

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

**Declaration of competing interests**

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