Reviewer’s report

Title: Ethanolic extract of Streblus asper leaves protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of Caenorhabditis elegans

Version: 0 Date: 22 Oct 2017

Reviewer: Ik-Huyn Cho

Reviewer's report:

Authors have demonstrated that SA-EE protects against glutamate-induced toxicity in HT22 hippocampal neuronal cells and extends lifespan of C. elegans. SA-EE possesses both longevity effects and neuroprotective activity against glutamate-induced cell death, supporting its therapeutic potential for the treatment of age-associated neurodegenerative diseases. The manuscript is very interested, designed well, and described well. Thus the manuscript is acceptable to be published in BMC Complementary and Alternative Medicine.

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?
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I am able to assess the statistics

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

Acceptable
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