Reviewer’s report

Title: Water extract of Semecarpus parvifolia Thw. leaves inhibits cell proliferation and induces apoptosis on HEP-2 cells

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Reviewer: Abdallah badou

Reviewer's report:
Dear editor,

BCAM-D-17-00480R1

Water extract of Semecarpus parvifolia Thw. leaves inhibits cell proliferation and induces apoptosis on HEP-2 cells
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BMC Complementary and Alternative Medicine

In this manuscript, the authors suggest that water extract of S. Parvifolia leaves induces apoptosis of cancerous cells. In this context, different in vitro techniques were used; and the data were consistent.

On the other hand, the authors suggested a lack of toxicity of the extract towards brine shrimps. This reviewer did not understand the choice of shrimp as animal model; and suggest the use of a more appropriate one such as a mouse model, or even better, a mouse tumor model.

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.
Not relevant to this manuscript

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

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