Author’s response to reviews

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

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Author’s response to reviews:

Dear Editor

Thank you very much for the valuable suggestions sent by reviewers. I have addressed all the comments suggested by reviewers as bellow.

Reviewer 1

`The current manuscript seems to be a revised version of one earlier submitted. Whereas the work is good and merit publications, there are still a lot of technical lapses, principal amongst which is the packaging. There are merged words, wrong syntax, and wide space in almost every page through the 24 page manuscript. Some inconsistence also. This requires entire review of the manuscript.'

Amendments

The corresponding author carefully went through the manuscript and the technical errors suggested were corrected.
Reviewer 2

`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.'

Answer

Water extract of Semecarpus parvifolia leaves is used in cancer therapy. Therefore anticancer studies were carried out with a cancer cell line. Brine shrimp model we considered as a normal multi cellular system to compare the toxicity on healthy cells.

In conclusion we suggested that further studies in vivo using animal model is necessary.

Thanking you,

Best Regards,

Preethi Soysa