Reviewer’s report

Title: Antiproliferative activity and induction of apoptotic by ethanolic extract of Alpinia galanga rhizome in human breast carcinoma cell line

Version: 5 Date: 24 February 2014

Reviewer: Quanhong Liu

Reviewer’s report:

Comments to the Author

I have re-reviewed the manuscript entitled “Growth arrest and induction of apoptotic by ethanolic extract of Alpinia galanga rhizome in human breast carcinoma cell line” submitted by Samarghandian Saeed, et al.. Although the present paper has improved a lot, there still some questions need to be addressed before its acceptance.

Major Compulsory Revisions

1. The authors ignored my questions in the first comments. There is insufficient evidence to support your conclusion on the pro-apotosis effect of the extract.
2. Please provide some data about the chemical analysis on ethanolic extract of Alpinia galanga rhizome.
3. Why does the author choose the concentration of 125 µg/ml in Figure 2? And from Figure 2, we could see MRC-5 cells were also damaged after 250 µg/ml Alpinia galanga rhizome ethanolic extract incubation for 72 h. How do you explain it?
4. Figure 3 does not tally consistent with the author had described in the paper, please check it.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.