**Reviewer's report**

**Title:** Resveratrol enhances anticancer effects of paclitaxel in HepG2 human liver cancer cells

**Version:** 1 **Date:** 15 Aug 2017

**Reviewer:** Siwen Chen

**Reviewer's report:**

1. The text itself still contains various grammatical errors, extensively long sentences, confusing statements and disorganisation. A native English speaker should review the document to ensure this is remedied. It really affects the reader's understanding.

2. Author stated that cell lines used in this study were purchased from Kunming Cell Bank (Kunming City, Guangxi Province, China). While as I know, Kunming is not a city in Guangxi Province, but in Yunnan province of China. Please confirm it again.

3. In the Methods of Abstract, does the author confirm that the full name of MTT is 3-(4,5-Dimethylthiazol-2-yl)-2,5-Diphenyltetrazolium Bromide?

4. Some citation formats are still wrong, such as "Kim et al……[15]".

5. In this study, Res was confirmed to enhance the "anticancer effect" of PA. The author believed that Res and PA combination could reduce the dosage of PA. I think it is only a deduction lack of direct evidence. They must state it in the Conclusion.

6. In the first revision, "their ratio determines whether the cell is able to accept the apoptotic signal" in the Discussion was changed to "heir ratio determines whether the cell is able to accept the apoptotic signal or not". The initials of this sentence must be "T". It is my fault, sorry.
Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

No

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.

No

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:

Not suitable for publication unless extensively edited
Declaration of competing interests
Please complete a declaration of competing interests, considering the following questions:

1. Have you in the past five years received reimbursements, fees, funding, or salary from an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

3. Do you hold or are you currently applying for any patents relating to the content of the manuscript?

4. Have you received reimbursements, fees, funding, or salary from an organization that holds or has applied for patents relating to the content of the manuscript?

5. Do you have any other financial competing interests?

6. Do you have any non-financial competing interests in relation to this paper?

If you can answer no to all of the above, write 'I declare that I have no competing interests' below. If your reply is yes to any, please give details below.

I declare that I have no competing interests

I agree to the open peer review policy of the journal. I understand that my name will be included on my report to the authors and, if the manuscript is accepted for publication, my named report including any attachments I upload will be posted on the website along with the authors' responses. I agree for my report to be made available under an Open Access Creative Commons CC-BY license (http://creativecommons.org/licenses/by/4.0/). I understand that any comments which I do not wish to be included in my named report can be included as confidential comments to the editors, which will not be published.

I agree to the open peer review policy of the journal