Author’s response to reviews

Title: Sirtuin1 activator SRT2183 suppresses glioma cell growth involving activation of endoplasmic reticulum stress pathway

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Editor comments:

1 - Any manuscript submitted to a BioMed Central journal must be original and the manuscript, or substantial parts of it, must not be under consideration by any other journal. We note that the current submission contains textual overlap with other previously published works. Please re-write these sentences and phrases in your own words to ensure no overlap. If there is overlap in the Methods section, please ensure that you summarize the methods and cite the source.

There is some overlap with:

We recommend the authors use an anti-plagiarism software, such as turnitin or other freely available ones, to access the overlap, and reduce it.
While we understand that you may wish to express some of the same ideas contained in these publications, please be aware that we cannot ignore the use of text from previously published work.

As editor’s suggested, we checked the whole manuscript again; the repetitive rate is down to 22% (by turnitin). In the report from Turnitin, the whole abstract is similar with to “the abstract of figshare.com” that we submitted (5%). However, we think other further material places similar to the published article is hard difficult to avoid.

2 - If human cell lines are used, authors are strongly encouraged to include the following information in their manuscript:

- The source of the cell line, including when and from where it was obtained
- Whether the cell line has recently been authenticated and by what method
- Whether the cell line has recently been tested for mycoplasma contamination

Further information is available from the International Cell Line Authentication Committee (ICLAC). We recommend that authors check the NCBI database for misidentification and contamination of human cell lines. Please include the sources of all cell lines and their catalogue numbers.

Glioma cell lines LN229, SF539, SF767, and U87MG were acquired from the American Type Culture Collection (ATCC). Human umbilical vein endothelial cell (HUVEC) was kindly provided from by Prof. Pixu Liu. All the cell lines were tested for mycoplasma contamination before using.

3 - Please confirm whether any of the cell lines required ethics approval for their use and include a statement in the Ethics approval and consent to participate section in the Declarations.

Not applicable.

4 - In the Funding section of the Declarations please indicate the role of the funding body in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript. If no specific funding was received for this study, please clearly indicate this in the Funding section.

The funding had no role in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.

5 - Please move the Funding information from the Acknowledgements to the Funding section.
Okay

6 - At this stage, please upload your proofread manuscript as a single, final, clean version that does not contain any tracked changes, comments, highlights, strikethrough or text in different colours. All relevant tables and figures should also be clean versions. Figures (and additional files) should remain uploaded as separate files. Should you wish to respond to these revision requests, please include the information in the designated input box only.

Okay.

Reviewer reports:

If improvements to the English language within your manuscript have been requested, you should have your manuscript reviewed by someone who is fluent in English. If you would like professional help in revising this manuscript, you can use any reputable English language editing service. We can recommend our affiliates Nature Research Editing Service (http://bit.ly/NRES_BS) and American Journal Experts (http://bit.ly/AJE_BS) for help with English usage. Please note that use of an editing service is neither a requirement nor a guarantee of publication. Free assistance is available from our English language tutorial (https://www.springer.com/gb/authors-editors/authorandreviewertutorials/writinginenglish) and our Writing resources (BMC_WRITING_RESOURCES_URL). http://www.biomedcentral.com/getpublished/writing-resources). These cover common mistakes that occur when writing in English.

As reviewer’s suggested, the revised manuscript was checked by Dr. Nabeel Farooqui who is fluent in English.