**Author's response to reviews**

**Title:** Anti-angiogenic effects of total flavonoids from Scutellaria barbata D. Don

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**Version:** 6  **Date:** 26 May 2013

**Author's response to reviews:** see over
Dear Editor:

Thank you very much for your letter and advice. We have revised the manuscript, and would like to re-submit it for your consideration. We have addressed the comments raised by the reviewers, and the amendments are highlighted in red in the revised manuscript. Point by point responses to the reviewers’ comments are listed below this letter. We hope that the revised version of the manuscript is now acceptable for publication in your journal.

I look forward to hearing from you soon.

With best wishes,

Yours sincerely,

Zhi-Jun Dai
2013. 5. 25
Section Editor's Comments:

"this manuscript is acceptable after minor essential revision. the comments of
the second referee should be considered."
Answer: Thanks for your advice. We have made some amendments according
to the second referee.

-In addition, we still feel that the quality of written English needs to be improved
before the manuscript can be considered further.
We advise you to seek the assistance of a fluent English speaking colleague,
or to have a professional editing service correct your language. Please ensure
that particular attention is paid to the abstract.
Answer: As to language problems, we have invited a native English speaker
for professional help to revise my texts.
Reviewer's report 1
Title: Anti-angiogenic effects of total flavonoids from Scutellaria barbata D. Don
Version: 4 Date: 2 May 2013
Reviewer: Nattanan Panjaworayan
Reviewer's report:
The manuscript is now acceptable for publishing.
Level of interest: An article of importance in its field
Quality of written English: Acceptable
Statistical review: No, the manuscript does not need to be seen by a statistician
Reviewer's report 2
Title: Anti-angiogenic effects of total flavonoids from Scutellaria barbata D. Don
Version: 4 Date: 4 May 2013
Reviewer: Edmund Nartey
Reviewer's report:
Minor Essential Revisions
Abstract
1. Line 2 of Background-Delete the definite article "the".
Answer: Sorry for my careless. We have deleted "the" in the revised manuscript.
2. Change "suppress" to suppresses" and regulate to "regulating" in Conclusion
Answer: We have made correction according to the comment.
In revised manuscript: We presum that TF-SB suppresses angiogenesis in HUVECs by regulating VEGF.
Background
1. Change the first sentence to read "The incidence of hepatocellular carcinoma (HCC) is on the rise."
Answer: We have made correction according to the comment.
In revised manuscript: The incidence of hepatocellular carcinoma (HCC) in worldwide is on the rise.
2. Change the second sentence to read " According to global statistics, about 7 million people die each year from liver cancer which includes HCC."
Answer: We have made correction according to the comment.
In revised manuscript: According to global statistics, approximately 7 million of people die each year from liver cancer which includes HCC [1].
Methods
1. In Reagents sub-section change ".....by Sigma......." to "from Sigma ......."
Answer: We have made correction according to the comment.
In revised manuscript: 3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide (MTT) was purchased from Sigma-Aldrich (St. Louis, MO,USA);
2. The following sentence in Methods should be relocated to Results and language correction effected "As shown in Figure 1, there was a main peak in HPLC, which was identified as scutellarin (A). There were also some other flavonoids in TF-SB which were identified as apigenin (B), baicalein (C), luteolin(D). The contents of these four flavonoids were 67.2% (A), 8.7% (B),
Identification of TF-SB by high performance liquid chromatography (HPLC)

The components of TF-SB were identified using HPLC. As shown in Figure 1, the main peak was identified as scutellarin (A). Other identified flavonoids in TF-SB included apigenin (B), baicalein (C), luteolin (D). The contents of flavonoids A-D were 67.2%, 8.7%, 4.6% and 4.3%, respectively.

Results
In general the first paragraph of each results-subsection which talks about the justification of the methods used (hence contains references) should be part of the Methods or Discussion and not Results. Results should contain only the outcome of the experiments done and not the reasons for choosing a particular experimental design.

Answer: Thanks for your advice. We have made some amendments according to your suggestions.

Level of interest: An article of importance in its field
Quality of written English: Needs some language corrections before being published
Statistical review: No, the manuscript does not need to be seen by a statistician.Declaration of competing interests:
I declare that I have no competing interests