Author's response to reviews

Title: Kaliziri extract upregulates Tyrosinase, TRP-1, TRP-2 and MITF expression in Murine B16 Melanoma cells

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Version: 7 Date: 16 April 2014

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

We are submitting our manuscript entitled “Kaliziri extract upregulates Tyrosinase, TRP-1, TRP-2 and MITF expression in Murine B16 Melanoma Cells” for your review. Kaliziri extract (KZE) is a traditional Uyghur medicine, used by Traditional hospitals for the treatment of vitiligo for more than 30 years in China; clinical application has showed that this medicine has obvious therapeutic effect. However, its phytochemical analysis and mechanism of its effectiveness had not been examined. In our study, the positive effect of KZE on melanogenesis in B16 cell lines was investigated to clarify the underlying molecular mechanism of melanin synthesis. The result indicates that KZE induced melanogenesis by increasing expression of tyrosinase, TRP-1 and TRP-2 via MITF in B16 cell. We believe that this work will be of general interest to BMC Complementary and Alternative Medicine’s readership as it provides important insights into the mechanism of action of traditional Uyghur medicines in the treatment of Vitiligo.

It is a great pleasure for me to received Reviewer comments and we revise the article conscientiously.

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Reviewer's report

Version: 4   Date: 9 March 2014

Reviewer: Sukanya Dej-adisai

Reviewer's report:

Minor Essential Revisions

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.

Declaration of competing interests: I declare that I have no competing interests

Reviewer's report:

1. Correction the writing style of scientific plant names such as Vernonia anthelmintica (L.) Willd. Because Willd. is the short name of the author. ### do not forget the full stop after
short name of the author (page 2, 6).

We correction the writing style of scientific plant names in page2, 6.

2. Reference 3: the name of pharmacopoeia should be bold same as the other references.


3. Correction the space of typing in all of the references i.e. after full stop should have one space, after journal’s name should have one space before the year, etc.

We correction the space of typing in all of the references.

4. Reference 14: collection the typing style of the journal.


5. Please provide details in your Methods section on who undertook the formal identification of the plant material used in your study.

We give the details in our Methods about identification information: Kaliziri [*Vernonia anthelmintica* (L.) Willd.] seeds (identify by Prof. Guan-mian Sheng from Xinjiang Institute of Ecology and Geography, Chinese Academy of Sciences)

6. However, many mistakes were showed in the references and text, so please correct them once more.

We use professional language editing service to improve the quality of the manuscript.

I really appreciate your precious advice. I will do my best to improve the level of my article.

7. We ensure our figures and tables are formatted in accordance with our formatting guidelines (http://www.biomedcentral.com/bmccomplementalternmed/authors/instructions/researcharticle#preparing-figures).

8. We confirm whether a voucher specimen of Kaliziri has been deposited in a publicly availab
We declare that the abovementioned paper is not simultaneously submitted for publication elsewhere.

Authors declared that they have no competing interests.

Thank you for consideration!

We would also like to suggest the following reviewers based on their expertise in phytochemical research and Traditional Uyghur Medicine.

Yours sincerely,

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