Author's response to reviews

Title: Antinociceptive and anti-tussive activities of the ethanol extract of the flowers of Meconopsis punicea Maxim.

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Version:2Date:15 December 2014

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Dear editor,

I am pleased to submit our manuscript “Antinociceptive and anti-tussive activities of the ethanol extract of the flowers of *Meconopsis punicea* Maxim” to you for consideration for publication as a “Research article” in the “BMC Complementary and Alternative Medicine”. This paper is new. Neither the entire paper nor any part of its content has been published or accepted elsewhere. It is not being submitted to any other journal. All of the listed authors have read and approved the submitted manuscript.

We would also like to thank you for your informative and useful advice to us. And according to your suggestions we have revised our manuscript. Thanks for your hard work.

1. We have added the line and page numbers to our manuscript, thank you!

2. We have added the ethnic’s statement to methods part of our manuscript.

‘This study was carried out in accordance with the Regulation for the Administration of Affairs Concerning Experimental Animals (State Council of China, 1988), and was approved by the Ethics Committee of Lanzhou Institute of Husbandry and Pharmaceutical Sciences of Chinese Academy of Agricultural Science (Lanzhou, China).’

3. We have revised the background part of our manuscript. As a folk medicine, *M.
*punicea,* was found in our field investigation of folk veterinary medicine, which has used to treat pulmonary disease, pain and inflammation by folk veterinarians for a long period of time in Ruoergai county of the Sichuan province. And due to these effects on clinic, about 5 preparations containing *M. punicea* with other medicines have been listed in 'Drug Standard of Ministry of Public Health of the People’s Republic of China (Tibetan medicine volume)'. Despite until now the bioactivities of *M. punicea* have not studied, *M. quintuplinervia* and relative species of the genus have been reported to exhibit analgesic and sedative activities. And before this work, we have carried out the preliminary studies about the analgesic and anti-tussive activities, and the toxicity tests. So in this paper, we used the animal model to evaluate the analgesic and anti-tussive activities of the extract of *M. punicea* flowers.

Thank you!

4. We have removed the legends from the uploaded figures, and added it at the end of our manuscript.

Thank you much for your attention to our paper. I look forward to hearing from you as soon as possible.

Correspondence regarding the paper should be directed to Hu Pan at the following address, phone and e-mail:

Sincerely yours,

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