Reviewer’s report

Title: A mechanistic approach to anti-nociceptive potential of Artemisia macrocephala Jacquem.

Version: 2 Date: 30 Nov 2015

Reviewer: Angel Alonso

Reviewer's report:

1. There are still some typographic mistakes in the manuscript. Check throughout the manuscript. For instance:

Abstract section (results)

"The administration of various dose concentrations of crude extract and its fractions showed a dose-dependent indomethacine like antinociceptive effect in acetic acid (writhing)"

a) indomethacine should be indomethacin

b) the word: "concentrations" should be eliminated. It is indicated that it is an in vivo experiment

Abstract section (results)

"Moreover, the samples, on tail flick model (thermal nociception) demonstrate the involvement of central mechanism and significantly increased the latency time to 66.54 %, 82.94% and 70.53 %"
Which samples?

2. The authors are encouraged to indicate the chemical composition of active fractions from Artemisia macrocephala

3. Is there any explanation that justifies the use of 2 dose per extract/fraction?

4. The doses should be expressed as mg/kg

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.
Yes

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.
Yes

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.
Not relevant to this manuscript

Quality of written English
Please indicate the quality of language in the manuscript:
Needs some language corrections before being published
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