Reviewer’s report

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

Version: 0 Date: 18 Sep 2015

Reviewer: A.H.M. Alam

Reviewer's report:

A mechanistic approach to anti-nociceptive potential of Artemisia macrocephala Jacquem has been reviewed and arise some quarries. Authors are requested to solve these quarries.

Essential Major Revision

1. Why did the author use methanol only as a solvent for extraction? Did the authors use any other solvents? Discuss in brief in method section.

2. Acute toxicity test was performed on mice only, but both mice and rat were used in this study, why?

3. In formalin test, author mentioned that the protocol was carried out according to Pandurangan et al. 2013 with slight modification, but why and which part of the protocol did the author modify should be added here?

4. Author can add some recent references related with his work including the following reference: Khan et al., 2014. In vivo Analgesic and CNS Depressant Activities of Antioxidative Stem Bark Fraction of Morus alba L.
5. Author should attentively check the manuscript before submission the revised manuscript. It is highly recommended to check the manuscript by a native English speaker to avoid grammatical error.

Essential Minor Revision

1. Line 14, page 2: Author should clearly state the meaning of this sentence `Natural products have contributed to almost 50% of current drugs. Does it mean 50% drugs come from natural sources for all diseases or for only pain problems?`

2. Several silly mistakes were done eg. page 7, line 26- 'affect' should be effect; page 6 line 26-'wit' should be with and so on……..

3. Authors are requested to main the same style throughout the manuscript of `min and minutes`. Pls use either way and follow the journal instruction

4. In page 5 line 9, suddenly author wrote Am.Cme. Pls write what is it?

5. There are several mistakes in reference section. eg


   b. Chang ST: Chemical……. Should be Chang ST. Chemical…………..

   c. BMC Complem Altern M……. Should be BMC Complem Altern Med

4. so on..........................
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.
I am able to assess the statistics

Quality of written English
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