Reviewer's report

**Title:** Evaluation of antinociceptive effect of methanolic extract of leaves of *Crataeva nurvala* Buch.-Ham.

**Version:** 1  **Date:** 7 July 2014

**Reviewer:** Mariana Spetea

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The manuscript describes the antinociceptive effects of the methanolic extract of *Crataeva nurvala* Buch leaves. Although the outcome of the study is interesting, the main issue is the presentation of the data.

The work is worth publishing after the following points are addressed.

1. Abstract. The level of statistical significance is not necessary.

2. Introduction. The following sentence seems to be incomplete. “The bark is also used in Unani system of medicine as appetite promoter and to decrease the of bile and phlegm secretion”.

3. Results and discussion

   It is not clear which behavioral changes in the condition of the animals (any side effects i.e. sedation, increased in locomotor activity) were monitored after treatment with MECN, which may be important, particularly in the context of pain management.

   Two models of chemical nociception were used, the hot plate and tail flick, that are quite similar. Are both needed?

   For a better and clearer understanding of the results, it is recommended to present the data as Figures or combination Figures and Tables.

   There is no actual discussion of the results. There is too much emphasis on the methodologies and pain models.

4. The manuscript requires major revisions of the English language.