Reviewer’s report

Title: Evaluation of analgesic, anti-inflammatory, anti-depressant and anticoagulant properties of Lactuca sativa (CV. Grand Rapid) plant tissues and cell suspension in rats

Version: 3 Date: 24 May 2015

Reviewer: Jinhua Zhao

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The manuscript by Ismail & Mirza described analgesic, anti-inflammatory, anti-depressant and anticoagulant properties of Lactuca sativa plant tissues and cell suspension in rats. L. sativa may potentially act as a strong herbal drug due to its multiple pharmaceutical effects. The results might be of interest in drug discovery and development of formulations. However, minor revision is necessary before considering for publication.

1. In the final “Background” section, I suggest that the author may add some descriptions about the objective and significances.
2. “Forced swim test” should be “Forced swimming test”
3. In Figures, statistically significant should be added.
4. For Tables, they should be shown as Three wire tables.
5. The authors should carefully check References, such as spelling magazine names, author names, et al.

Level of interest: An article of limited interest

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

not