Reviewer's report

Title: Melatonin prevents morphine-induced hyperalgesia and tolerance in rats: role of protein kinase C and N-methyl-D-aspartate receptors

Version: 2 Date: 29 November 2014

Reviewer: Xue-Jun Song

Reviewer's report:

Discretionary Revisions:

This manuscript reports that Melatonin can prevent morphine-induced hyperalgesia and tolerance in rats and a possible mechanism that may underlie this analgesic effect. The authors have provided evidence that support the question they posed and the data is convincible.

Minor suggestions:
1. In Fig. 1 and Fig. 2, the dash-lines can be changed to solid since the different colors are used.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

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

Declaration of competing interests:

I declare that I have no competing interests.