**Reviewer's report**

**Title:** Repeated electroacupuncture treatment attenuated hyperalgesia through suppression of spinal glial activation in chronic neuropathic pain rats

**Version:** 0  **Date:** 10 Oct 2017

**Reviewer:** Hsiu-Mei Chiang

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The present study aimed to study different roles of astrocytes and microglia of spinal cord in chronic neuropathic pain and electroacupuncture analgesia in chronic constrictive injury (CCI) rats. CCI induced a significant decrease of mechanical and thermal pain thresholds and increase of the number of Iba-1 labeled microglia and fluorescence intensity of glial fibrillary acidic protein (GFAP)-labeled astrocyte. Repeated EA treatment significantly relieved CCI-induced mechanical and thermal allodynia. Microglial activation was suppressed by 2 days' electroacupuncture treatment whereas astrocytes activation suppressed by 1 week's electroacupuncture treatment.

1. The point or location applied electroacupuncture is important. However, authors do not describe how they applied the electroacupuncture and it may cause different results in this study.

2. How is the quantitation of immunofluorescence labeling done? How many samples get from one spinal cord section? How many spinal cord sections were measured for each animal?

3. The activity of the nerve may record during electroacupuncture to explain the effect and mechanism of electroacupuncture on CCI.

4. The No. of approved document of animals study must show in the text.

5. There are many grammar and typing errors. Please revise the manuscript carefully.

**Are the methods appropriate and well described?**

If not, please specify what is required in your comments to the authors.

No
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
Please indicate the quality of language in the manuscript:
Not suitable for publication unless extensively edited

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