Reviewer’s report

Title: Differential proteomics analysis of the analgesic effect of electroacupuncture intervention in the hippocampus following neuropathic pain in rats

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Reviewer: Yanjun Zeng

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BMC Complementary and Alternative Medicine
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Title: 'Differential proteomics analysis of the analgesic effect of electroacupuncture intervention in the hippocampus following neuropathic pain in rats'

The manuscript described a study on the analgesic effect of EA is mediated by regulation of hippocampal proteins related to amino acid metabolism and activation of the MAPK signaling pathway. The paper provides a novel mechanism for acupuncture analgesia. Based on the importance of this topic, this paper is fairly ready to be considered to be published by BMC Complementary and Alternative Medicine.

However, there are some minor modifications that authors need to do before the publication.

Revisions
1. Please add references in the method paragraphs.
2. The authors should pay attention to typing errors throughout the text.
   Page 3 line 5 – “the limited options and side effects or insufficient analgesia” should read “the limited options, side effects, and insufficient analgesia”.
   Page 3 line 20 – Further should read Furthermore.
   Page 3 line 27 – performed should read perform.
   Page 4 line 27 – “in EA group” should read “in the EA group”.
   Page 6 line 6 - “Proteins that showed significant differences between the CCI and EA groups were considered in this study.” should be read “significant differences of proteins between the CCI and EA groups were shown in this study”.
   Page 9 line 27 - “were decreased” should read “was decreased”.
   Page 9 line 28 – “pays a key role” should read “plays a key role”.
3. Page 11 line 10 - “We also found evidence of activation of MAPK signal transduction pathway proteins, mitogen- activated protein kinase kinase 1 (MAPKK1), stathmin 1 (STMN1), and myelin basic protein (MBP) following EA.”
Please add references.