Reviewer’s report

Title: Activation of Amygdala Opioid Receptors by Electroacupuncture of Feng-Chi (GB20) Acupoints Exacerbates Focal Epilepsy

Version: 1 Date: 6 May 2013

Reviewer: Meng G Fan-Gang

Reviewer’s report:

Minor Essential Revisions

The rat pilocarpine epilepsy model is usually induced through systemic administration of pilocarpine, but, in this article, it is done through the administration of pilocarpine into the left CeA. How about the reliability of this kind of rat epilepsy model? Is it related to the kind of the model that the treatment is invalid? Or is it related to the stimulus parameter such as the stimulus time and frequency? I suggest that the author should explain these problems carefully.

Discretionary Revisions

1. The authors suggest that high-frequency (100 Hz) EA stimulation of bilateral Feng-Chi acupoints has no effect to protect against pilocarpine-induced focal epilepsy. However, the acupoints of Feng-Chi had been indicated the effect of epileptic suppression documented in the Lingshu Jing. The authors should explain the reason in detail.

2. In my opinion it will be better to illustrate the Experimental protocol of all the 9 groups with a table, so it can be understood easily.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

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