Reviewer’s report

Title: Electroacupuncture at LI11 Promotes Jejunal Motility via the Parasympathetic Pathway

Version: 0 Date: 21 Nov 2016

Reviewer: John Winston

Reviewer's report:

Excellent study that shows that electroacupuncture at LI11 increases jejunal pressure.

The vagal fibers release ACh at the enteric ganglion, which acts on nicotinic receptors of these neurons. These neurons then release ACh to stimulate the muscarinic receptors of the jejunal smooth muscle. It would be better to use nicotinic antagonists to block communication between vagal nerve and enteric neurons.

Why is the percentage change in motility in the beta1/2 knockout more robust in terms of maximal response compared to wild type? The curve is also S shaped.

Is there any evidence that EA inhibits sympathetic activity?

The text in results and the legend for figure 2 do not match the arrangement of the data in Figure 2 where tracings A and B are from rat and C and D are from mouse.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

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:

Needs some language corrections before being published

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