

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53688

Title: The neuromechanism of acupuncture regulating gastrointestinal motility

Reviewer's code: 00503486

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: China

Manuscript submission date: 2019-12-30

Reviewer chosen by: Jin-Zhou Tang

Reviewer accepted review: 2020-01-08 15:42

Reviewer performed review: 2020-01-09 14:58

Review time: 23 Hours

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This is a very useful review of the GI effects of acupuncture. The author has thoroughly identified the important papers in the field and helps the reader understand the breadth of the field. The manuscript should be published after English improvements.

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 53688

Title: The neuromechanism of acupuncture regulating gastrointestinal motility

Reviewer's code: 00502743

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Doctor, Professor, Research Scientist, Senior Lecturer

Reviewer's Country/Territory: Argentina

Author's Country/Territory: China

Manuscript submission date: 2019-12-30

Reviewer chosen by: Jin-Zhou Tang

Reviewer accepted review: 2020-01-08 17:16

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Scientific quality	[<input checked="" type="radio"/>] Grade A: Excellent [<input type="radio"/>] Grade B: Very good [<input type="radio"/>] Grade C: Good [<input type="radio"/>] Grade D: Fair [<input type="radio"/>] Grade E: Do not publish
Language quality	[<input checked="" type="radio"/>] Grade A: Priority publishing [<input type="radio"/>] Grade B: Minor language polishing [<input type="radio"/>] Grade C: A great deal of language polishing [<input type="radio"/>] Grade D: Rejection
Conclusion	[<input checked="" type="radio"/>] Accept (High priority) [<input type="radio"/>] Accept (General priority) [<input type="radio"/>] Minor revision [<input type="radio"/>] Major revision [<input type="radio"/>] Rejection
Re-review	[<input type="radio"/>] Yes [<input type="radio"/>] No
Peer-reviewer statements	Peer-Review: [<input type="radio"/>] Anonymous [<input checked="" type="radio"/>] Onymous Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No



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SPECIFIC COMMENTS TO AUTHORS

It is a very gratifying honor to have in charge the review of a work from an institution whose research is academically duly endorsed and authorized to a maximum scientific level framed within the objectives of the subject. Regarding the analysis of the mechanisms of action of Acupuncture at the gastro-intestinal level, the author has approached the subject with due depth and detail. It may also have been convenient to warn the fellow reader that both the skin and the CNS recognize the same common embryological origin: the ectoderm, generating cuti-visceral reflexes that further underpin the aforementioned investigations. Likewise, such an assertion explains in a natural and general way the marked influence of acupuncture and moxibustion treatments in practically all the processes involved in human physiology, leading them towards a holistic homeostatic regulation, product of the intricate interconnection between the meridian system and the established relationships between the different energy planes present in our body. Although the author abounds in presenting a detailed description of the neurophysiological mechanisms agonists, antagonists and receptors of the afferent and efferent pathways that make clear the physiological results of acupuncture therapy, a clear comparative parallelism among their findings and the intrinsic relationships between the different energy planes that Chinese Medicine involves within intestinal neurophysiology. Thus, we not only obtain the response of the relationship present in the Sheng Generative Cycle - where the Earth (Stomach + gastroenteric peristaltic pacemaker) is the “mother” of the Metal element (Large Intestine), but also the marriage that proposes the union of both viscera within the Yang Ming energy plane, established by Chinese sages several thousand years ago. The rest of the work is a true "acupuncture neuro-physiology treatise" of remarkable value in light of the scientific details that Dr. Yu has included in it. We are then faced with a publication of reference to the current state of research that elucidates the mechanisms of



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