



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 48328

Title: Effect of mild moxibustion on intestinal microbiota and NLRP6 inflammasome signaling in rats with post-inflammatory irritable bowel syndrome

Reviewer's code: 00503587

Reviewer's country: New Zealand

Science editor: Jia-Ping Yan

Reviewer accepted review: 2019-04-15 20:38

Reviewer performed review: 2019-04-22 05:32

Review time: 6 Days and 8 Hours

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input checked="" type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

This MS describes the outcomes of moxibustion in a rodent model of gut inflammation

SPECIFIC COMMENTS 1. The model described is a model of gut inflammation, and not a post-infectious model: consequently not representative of post-infectious IBS in



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humans 2. The authors describe their previous work in a different animal model. This work confirms some of the earlier changes and outlines inflammatory and immune response changes. This work does not define the mechanisms of these events: it does however further describe the host and microbial events. the work should be presented in this fashion, not as a delineation of mechanisms 3. The INTRODUCTION is about twice as long as it should be 4. The ABSTRACT and the METHODS includes the number of animals as methods: these should be results. The model animals are presumably controls? 5. The methods part of the ABSTRACT does not outline any further methods or description of events 6. the authors imply that the three bacteria mentioned are all invasive 7. A change were only 5% of the intestinal microbiota `remains appears unusual and excessive 8. Where authors name is given with et al, the reference number should follow immediately. 9. Much of the text in the last part of the METHODS is unreferenced 10. The DSS model is a model of inflammation (colitis) not of FGID 11. AWR is mentioned on page 7, but not explained 12. The numbers of animals in each group is listed on page 8 (see above also). the control group is described as having 14 and 10 13. what is mean by fixation at the bottom pof page 8? 14. No scoring system is provided on page 10 (histological inflammation) 15. What is meant by freezing and thawing faeces? 16. There are a number of errors of English language usage or grammar that should be corrected

INITIAL REVIEW OF THE MANUSCRIPT

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