

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 28950

Title: NADPH oxidase-1 deficiency offers little protection in Salmonella Typhimurium-induced typhlitis in mice

Reviewer's code: 03505898

Reviewer's country: Italy

Science editor: Jing Yu

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Chu F-F et al. investigated the role of Nox1 in the Salmonella typhimurium (S.tn) colonization and infection in mice model. The paper is interesting and useful relative to the general understanding of S.tn infection with relevant cognitive implications in terms of colonization and infectious treatment. However, some effort should be made to improve the manuscript. 1) Results section, page 11: To improve the understanding of the results, the authors should indicate the role and function of the Villin as an actin-binding protein associated with the actin core bundle of the brush border. 2) The policy of this Journal requires that the structure of the manuscript contain title, abstract, key words, introduction, materials, methods, experimental procedure, results, discussion, conclusion, acknowledgements, and references. The authors clearly presented the manuscript with all the paragraphs mentioned except for the conclusion section. Moreover, the authors clearly identified an interesting point of view of their research highlighting, at the end of the discussion section, that "A clinical relevance of this study is that when targeting Nox1, it is unlikely that the anti-Nox1 therapy would increase risks of bacterial infection". This should be amplified with more literature



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information and the conclusion section should present future research directions. 3) In Material and methods section, Salmonella enteric serovar Typhimurium (S. Tm) paragraph (page 7) the authors mentioned a figure. Please add the number 2, which the figure refers to. 4) Figures 2 and 3: the authors refer to the Salmonella as "Sal" but in the manuscript is always named S.tm. Please uniform the figures to the text.