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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
Manuscript NO: 33558
Title: Schistosoma japonicum attenuates DSS-induced colitis in mice via reduction of endoplasmic reticulum stress
Reviewer's code: 00068723
Reviewer's country: Japan
Science editor: Yuan Qi
Date sent for review: 2017-02-22
Date reviewed: 2017-02-22

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[ ] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[ ] Grade C: Good	[Y] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[Y] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[ ] Minor revision
[ ] Grade E: Poor		[Y] No	[Y] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The authors investigated the effect of S. japonicum on colitis. They aimed to show that S. japonicum was one of the causes of IBD. Does S. japonicum infect mice? Or are mice natural host of S. japonicum? This point may affect the results and their interpretation. Is intraperitoneal administration of S. japonicum cercariae a natural route of infection in human? These points are crucial, and should be cleared in Introduction. The experimental model should be fully rationale.

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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology
Manuscript NO: 33558
Title: Schistosoma japonicum attenuates DSS-induced colitis in mice via reduction of endoplasmic reticulum stress
Reviewer's code: 00182114
Reviewer's country: Japan
Science editor: Yuan Qi
Date sent for review: 2017-02-22
Date reviewed: 2017-02-28

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[ ] Accept
[ ] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] The same title	[ ] High priority for publication
[Y] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] Duplicate publication	[ ] Rejection
[ ] Grade D: Fair	[ ] Grade D: Rejected	[ ] Plagiarism	[Y] Minor revision
[ ] Grade E: Poor		[Y] No	[ ] Major revision
		BPG Search:	
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Dear Author In this paper, CER+DSS exhibited significantly lower Bax level and higher Bcl-2 level than DSS. Attenuation of inflammation in colon of DSS induced colitis resulted in remissive apoptosis in epithelial cells due to S japonicum infection. NF-κB has a proapoptotic role in neutrophils during inflammation (Lawrence et al. 2001; Greten et al. 2007), which may represent an important anti-inflammatory mechanism for NF-κB during acute inflammation. I ask some questions to author. 1. Please tell me the relationship between NF-κB and apoptosis in DSS. 2. Please tell me the pathway and diagram from ER to Apoptosis in DSS via IRE1α、Chop and CRP78. 3. Please tell me the pathophysiology of DSS+CER can prevent enterocyte apoptosis of DSS induced colitis.