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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 37359

Title: Recombinant expressed vasoactive intestinal peptide analogue alleviated experimental ulcerative colitis induced by trinitrobenzene sulfonic acid in rats

Reviewer's code: 02446483

Reviewer's country: Canada

Science editor: Ze-Mao Gong

Date sent for review: 2017-12-01

Date reviewed: 2017-12-03

Review time: 2 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The manuscript deals with an experimental model of IBD using trinitrobenzene sulfonic acid in rats. It is a very interesting manuscript, but numerous flaws are present, such as the histological assessment that shows gross images rather than microscopic photographs. Some sentences should be better structured as well.



PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 37359

Title: Recombinant expressed vasoactive intestinal peptide analogue alleviated experimental ulcerative colitis induced by trinitrobenzene sulfonic acid in rats

Reviewer's code: 02439990

Reviewer's country: France

Science editor: Ze-Mao Gong

Date sent for review: 2017-12-01

Date reviewed: 2017-12-08

Review time: 6 Days

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 checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The authors developed a VIP analogue and studied its anti-inflammatory properties in a model of colitis induced by TNBS in the rat. Three doses of the molecule (1, 2 or 3 nmol) were administered after colitis induction and only the dose of 2 nmol significantly reduced mucosal inflammation. The results are convincing but raise some questions. - Title: -TNBS is not usually considered as a model of ulcerative colitis. DSS is more appropriate for this purpose. Therefore, "ulcerative" should be removed from the title. This point is addressed in the discussion page 10, lines 11-13. However, the authors gave no argument to justify why they used TNBS as a model of ulcerative colitis. - Materials and Methods: -page 6, line 7: please specify the dose of TNBS used. -page 6, section: "Macroscopic assessment of colon pathomorphology damage". Colon length would be useful to assess colitis severity. -page 7. ZO1 expression in addition to that of



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occludin would strengthen the fact that rVIPa prevents tight junction impairment.
Discussion: -page 10, line 27: please indicate a reference. -page 11, line 2. Please also
discuss the data of VIPKO mice treated with DSS or DNBS. -page 12, line6. The
sentence is incomplete.



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PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 37359

Title: Recombinant expressed vasoactive intestinal peptide analogue alleviated experimental ulcerative colitis induced by trinitrobenzene sulfonic acid in rats

Reviewer's code: 03261315

Reviewer's country: Romania

Science editor: Ze-Mao Gong

Date sent for review: 2017-12-01

Date reviewed: 2017-12-12

Review time: 10 Days

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input 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 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
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<input type="checkbox"/> Grade E: Poor		<input 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 type="checkbox"/> No	

COMMENTS TO AUTHORS

the introduction is too long, the results and discussions are well written