

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pharmacology and Therapeutics

**ESPS manuscript NO:** 7827

**Title:** Protein kinases is a potential target to treat inflammatory bowel diseases

**Reviewer code:** 02445734

**Science editor:** Yuan Qi

**Date sent for review:** 2013-12-03 18:49

**Date reviewed:** 2013-12-07 06:02

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

This is a nice summary of many of the physiological and pathological processes in the gut influenced by protein kinases. While the review is quite complete, it is not easy to read, and lacks any kind of illustration (for example a pathway summary of findings) to make the material more palatable to the reader. Also, the English is sometimes convoluted with many run-on sentences throughout the manuscript. I would recommend to edit the manuscript with an English speaker, and to encourage providing illustrations in form of pathways and schemes. Minor issues: 1) Introduction, part 3, 3rd line: Bacteria are not considered a barrier in the gut, although they are mostly found between the luminal mucus layer (which is the barrier) and the lumen. 2) Same paragraph "CD is a predominantly Th1- and Th17-mediated...." This is very hard to read and a run-on sentence. Please rephrase the section with a better clarification, that both CD and UC show in fact Th2 driven immune response, but that UC is an atypical Th2 compared to CD. 3) 4.2., "Protein kinase and epithelial cell ...." This could be better organized, if the author would start in the beginning, that the colon has low permeability tight junctions with transcellular water/electrolyte transport, while the small bowel has loose tight junctions, and water/electrolyte transport is mostly paracellular. From this, the author should sort the experimental findings and integrate them with the clinical and pathological findings. 3a) The second sentence in the section is a run-on sentence ("These cells are polarized with an apical membrane....". Please break it up in shorter sentences and better to understand language. 3b) Further down in the same paragraph: "Although occludin knockout mice exhibit....., but in vitro



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studies...." Please delete "but".

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pharmacology and Therapeutics

**ESPS manuscript NO:** 7827

**Title:** Protein kinases is a potential target to treat inflammatory bowel diseases

**Reviewer code:** 00006993

**Science editor:** Yuan Qi

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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Review of Manuscript for WJG Authors: Lei et al Title: Protein kinase is a potential target to treat inflammatory bowel diseases Overall, in the present manuscript, Lei et al and colleagues provided a review of roles for protein kinase in inflammatory bowel diseases. The topic is interesting to readers and important in the field. However, the review is neither well-written nor well-organized. As such, further revisions needed to improve the current form. Major concerns: 1. Please use tables and figures as much as possible, if needed, add footnotes under tables and figure legends under figures, to make readers easier to follow the review paper. 2. A native English expert would be helpful to improve English of the manuscript.

## ESPS PEER REVIEW REPORT

**Name of journal:** World Journal of Gastrointestinal Pharmacology and Therapeutics

**ESPS manuscript NO:** 7827

**Title:** Protein kinases is a potential target to treat inflammatory bowel diseases

**Reviewer code:** 02445596

**Science editor:** Yuan Qi

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**Date reviewed:** 2013-12-17 02:21

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C: Good	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Comments to the authors: The work of Yan and Yang has merit but, unfortunately, the manuscript suffers from several weaknesses in its present form that dampen enthusiasm for this work. The reviewer has some essential comments as mentioned below. Some of them are also marked in the PDF. MAJOR COMMENTS: 1. The manuscript requires additional editing to improve the presentation and has to be carefully read by an English-speaking person since it has serious defects in the writing (e.g. some of the grammatical constructions are incorrect, etc.). 2. Along the text: please, introduce abbreviations. MINOR COMMENTS: 1- It is advisable the inclusion of a graphical abstract.