

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41564

Title: Necroptosis in inflammatory bowel disease and other intestinal diseases

Reviewer's code: 00036810

Reviewer's country: Japan

Science editor: Ying Dou

Date sent for review: 2018-08-20

Date reviewed: 2018-08-26

Review time: 6 Days

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 type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input 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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The authors clearly demonstrated the association necroptosis and various intestinal diseases. It seems that this paper is well written and the figures are rational, though this article has a few issues. I hope that the authors revise this manuscript as following comments. The description in Table is not precisely arranged, and is insufficient. The



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authors should arrange the description in Table, and added informative knowledges based on each cited articles.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41564

Title: Necroptosis in inflammatory bowel disease and other intestinal diseases

Reviewer's code: 03255007

Reviewer's country: Netherlands

Science editor: Ying Dou

Date sent for review: 2018-08-22

Date reviewed: 2018-08-30

Review time: 8 Days

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 type="checkbox"/> Grade B: Minor language	(High priority)	<input type="checkbox"/> Anonymous
<input 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 type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The article "Necroptosis in inflammatory bowel disease and other intestinal diseases" is a short review over the available knowledge on the necroptosis pathway in inflammation and carcinogenesis (ID 41564) Strengths The paper summarizes the present knowledge on a recently described pathway, which might be involved in the



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pathway of IBD. Weaknesses The conclusion drawn by the authors in the paragraph on Drug Therapy Targeting is Necroptosis: “necroptosis plays a certain role in the pathogenesis of IBD” is not yet fully been proven by research in humans. Indeed, the findings in animal models suggest an upregulation of necroptosis in inflammation. However, necroptosis might also merely be the result of the overactivation of TNF-alfa mediated inflammatory pathways.

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- ☐ No

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 41564

Title: Necroptosis in inflammatory bowel disease and other intestinal diseases

Reviewer's code: 00225294

Reviewer's country: Spain

Science editor: Ying Dou

Date sent for review: 2018-08-22

Date reviewed: 2018-09-01

Review time: 10 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input checked="" 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 type="checkbox"/> Grade C: Good	polishing	<input checked="" 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
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publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript by Li and colleagues reviews and synthetizes the role of necroptosis in IBD and CRC among other GI disorders. The revision is well updated and has interesting schemes to explain the main differences among necroptosis, apoptosis, necrosis and pro-survival events. In addition to this, the manuscript deals on therapeutic



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interventions in several GI diseases, providing a rationale for the use of several drugs. My suggestion is to revise the wording to avoid in some cases the same word in a sentence; for example, ... the combination can mediate different cell physiological processes through the formation of different compounds corresponding to different physiological or pathological conditions.

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