

PEER-REVIEW REPORT

Name of journal: World Journal of Clinical Cases

Manuscript NO: 45612

Title: Food additives and celiac disease: triggering factors?

Reviewer's code: 00722050

Reviewer's country: Canada

Science editor: Ying Dou

Date sent for review: 2019-01-25

Date reviewed: 2019-01-26

Review time: 4 Hours, 1 Day

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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 checked="" type="checkbox"/> Anonymous
<input checked="" 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 checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this review, the authors discuss the interactions that take place between several food additives and the intestine, considering the data obtained both from in vitro and in vivo studies. Furthermore, authors analyze the effect in respect to the development of celiac disease in genetically predisposed individuals. Authors further explain that the



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common use of preservatives such as nanoparticles may participate in the pathogenesis of celiac disease =, since they may have an effect on the integrity of the intestinal barrier, immune response or microbiota. Such alterations have indeed been reported after exposure to metal nanoparticles, which are commonly used as food preservatives. Author conclude that additives may have an important role in the pathogenesis of celiac disease. Comments; It is a well written article, citing a substantial number of studies and addressing an important topic as well as summarizing the crucial details relevant to this topic. Following are some suggestions, only and with the sole purpose of facilitating its reading, I recommend, 1. I think that the title should be rephrased. The question mark may be removed, instead more appropriate words may be used to convey the message of this review. 2. It may be a good idea to indicate that work consists of a bibliographic review. 3. To include a table summarizing the core points and/or a schematic diagram will be good as well.

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ [Y] No