

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Gastroenterology

**ESPS manuscript NO:** 29800

**Title:** Micronutrient deficiencies in patients with chronic atrophic autoimmune gastritis: a review

**Reviewer's code:** 00643577

**Reviewer's country:** United States

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2016-08-31 19:15

**Date reviewed:** 2016-09-12 09:21

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 checked="" 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
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" 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 checked="" type="checkbox"/> No	

## COMMENTS TO AUTHORS

This is a descriptive review of literature concerning micronutrient deficiencies in patients with chronic atrophic autoimmune gastritis. While deficiencies in vitamin B12 have been well established, this review addresses other nutrient deficiencies that should also be considered (Iron, vitamin C, calcium, vitamin D). Overall this is a very informative and well-written review. A few points are listed below that could be addressed or clarified to improve the clarity for readers. Point 1: The statement is made that "Therefore, FUT6 SNP's may explain the increased risk of developing gastric cancer in patients with CAAG and PA". It is not clear how this statement fits in to the overall theme of micronutrient deficiencies. Furthermore, there are several factors that contribute to an individual's risk of developing gastric cancer that are not mentioned (inflammatory genes, diet, genetics, etc.). This statement could be removed without any impact on the main focus of this review. Point 2: In section 2.2 IRON, the authors refer to "APCA". I'm not sure this is defined, although I know it is referring to anti-parietal cell antibodies. Defining this may help clarify for readers. Point 3: In section 2.3 VITAMIN C, the authors state that "...some population-based epidemiologic



## BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: [bpgoffice@wjgnet.com](mailto:bpgoffice@wjgnet.com)

<http://www.wjgnet.com>

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studies have showed negative correlations between the vitamin C uptake and gastric cancer...". However, there are no references listed to support this statement. Listing these references will allow the readers to investigate those studies.

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**Name of journal:** World Journal of Gastroenterology

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**Title:** Micronutrient deficiencies in patients with chronic atrophic autoimmune gastritis: a review

**Reviewer's code:** 00928261

**Reviewer's country:** Italy

**Science editor:** Ze-Mao Gong

**Date sent for review:** 2016-08-31 19:15

**Date reviewed:** 2016-09-22 01:34

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

## COMMENTS TO AUTHORS

This is an interesting and well-written descriptive review which investigates the relevance, frequency and clinical presentation of nutritional deficiencies in chronic atrophic autoimmune gastritis. It includes not only the well established vitamin B12 and iron deficiencies, but also other nutrient deficiencies (vitamin C, calcium, vitamin D). Following just two points to be corrected. Minor revision: Section 2.1 line 65: in this context, in which you don't discuss other gastric cancer risk factors, the sentence "Therefore, FUT6 SNPs may explain the increased risk of developing gastric cancer in patients with CAAG and PA,[36] although further studies are needed to confirm this hypothesis." might be misunderstood. I suggest you to remove it. Section 2.2 line 23: please clarify the acronym 'APCA' (anti-parietal cell antibodies) because this is the first and only time you use it.