

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32815

Title: Immune response to vaccines in children with celiac disease

Reviewer's code: 00035743

Reviewer's country: United Kingdom

Science editor: Yuan Qi

Date sent for review: 2017-01-28 19:51

Date reviewed: 2017-02-03 18:53

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

COMMENTS TO AUTHORS

I have not major criticisms of this interesting review of vaccination, particularly to hepatitis B in those with coeliac disease.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32815

Title: Immune response to vaccines in children with celiac disease

Reviewer's code: 03700166

Reviewer's country: Turkey

Science editor: Yuan Qi

Date sent for review: 2017-01-28 19:51

Date reviewed: 2017-02-05 21:09

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

COMMENTS TO AUTHORS

Dear Authors In the article entitled "Immune response to vaccines in children with celiac disease", up-to-date information regarding the immune response to vaccines, primarily to HBV vaccine in children with celiac disease was compiled. The causes of the deficiency of the immune response to HBV vaccine in children with celiac disease were explained through literature and also current approaches regarding the HBV vaccination in those children were suggested. The article presented the subject in a very clear, understandable and comprehensive manner through the up-to-date literature. Minor Revision: The literature figures was not mentioned from the sentence "The available literatures indicates that....." to the end of part in the second paragraph line 15 in the introduction part. The literature figures should be mentioned in those parts.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32815

Title: Immune response to vaccines in children with celiac disease

Reviewer's code: 03646970

Reviewer's country: United States

Science editor: Yuan Qi

Date sent for review: 2017-01-28 19:51

Date reviewed: 2017-02-14 23:12

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" 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 checked="" 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 checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

Well written paper. Please address the few suggestions that have been marked in the manuscript

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32815

Title: Immune response to vaccines in children with celiac disease

Reviewer's code: 03476360

Reviewer's country: Italy

Science editor: Yuan Qi

Date sent for review: 2017-01-28 19:51

Date reviewed: 2017-02-22 17:52

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"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> No	<input type="checkbox"/> Minor revision
		BPG Search:	<input checked="" type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Reviewer Comments In this paper, the authors reviewed the recent literature on the immune response to vaccines in children with celiac disease. It is a well-done study; however, the reviewer believes that the work would benefit from majors and minor revisions. ? Please verify the sentence at line 7 page 3. It is not clear. ? Please rephrase the following introduction paragraph "The available literature indicates that the immunological response to vaccines in children with CD is similar to that of the general population and antibodies titers are sufficiently high to give lasting protection. However, among CD patients a lower response to the hepatitis B virus (HBV) vaccine was demonstrated several years ago". It seems to report two sentences with two opposite meanings. Moreover, reporting "...several years ago" is not correct, there are several recent papers on this topic. ? I would avoid repeating: "...found in 90-95% of celiac patients..." at page 3 line 29. The authors already reported it above. ? In the last paragraph of the introduction, the authors list all possible hypotheses for the low vaccination response in CD. Please cite the main references for each point. ? The authors focus their attention on children with CD. Most of the vaccinations are performed during the first years of life, however, to check the long term antibodies title in adults is

essential in term of vaccination response. - I would add in particular two papers on this topic: 1) Zingone F, Capone P, Tortora R, Rispo A, Morisco F, Caporaso N, Imperatore N, De Stefano G, Iovino P, Ciacci C. Role of gluten intake at the time of hepatitis B virus vaccination in the immune response of celiac patients. *Clin Vaccine Immunol*. 2013 May;20(5):660-2 2) Zingone F, Morisco F, Zanetti A, Romanò L, Portella G, Capone P, Andreozzi P, Tortora R, Ciacci C. Vaccine Long-term antibody persistence and immune memory to hepatitis B virus in adult celiac patients vaccinated as adolescents.. 2011 Jan 29;29(5):1005-8. doi: 10.1016/j.vaccine.2010.11.060. ? Regarding the pneumococcal infection the authors should cite more recent papers on this topic: 1) The risk of community-acquired pneumonia among 9803 patients with coeliac disease compared to the general population: a cohort study. Zingone F, Abdul Sultan A, Crooks CJ, Tata LJ, Ciacci C, West J. *Aliment Pharmacol Ther*. 2016 Jul;44(1):57-67. doi: 10.1111/apt.13652. 2) Coeliac disease and invasive pneumococcal disease: a population-based cohort study. R?ckert Tjernberg A, Bonnedahl J, Inghammar M, Egesten A, Kahlmeter G, Nauc?er P, Henriques-Normark B, Ludvigsson JF. *Epidemiol Infect*. 2017 Jan 23:1-7. ? Please add in table 1 also this more recent paper on HBV vaccine response: 1) World J Hepatol. 2016 Sep 18;8(26):1105-9. doi: 10.4254/wjh.v8.i26.1105. Immune response to hepatitis B virus vaccine in celiac subjects at diagnosis. Filippelli M1, Garozzo MT1, Capizzi A1, Spina M1, Manti S1, Tardino L1, Salpietro C1, Leonardi S1 ? Please check reference 23. Is it correct? ? Please write "authors" and not "Authors". ? Please report the meaning of GFD the first time you write it.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

ESPS manuscript NO: 32815

Title: Immune response to vaccines in children with celiac disease

Reviewer's code: 03025970

Reviewer's country: Italy

Science editor: Yuan Qi

Date sent for review: 2017-01-28 19:51

Date reviewed: 2017-02-22 18:17

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

COMMENTS TO AUTHORS

The manuscript "Immune response to vaccines in children with celiac disease" reports updated information on the response to vaccines, mainly to HBV vaccine, in children with CD. The manuscript is comprehensive and clear and covers the up-to-date literature. The lack of the immune response to HBV vaccine in children with celiac disease is reported and Authors summarized the possible explanations. Authors should consider the role of the GFD. The loss of proteins due to malabsorption in a celiac on a free diet may cause a lack of the immune response. Are there papers that evaluate the antibody response in the same patients on a free diet and then on a gluten-free diet?