

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5995

Title: H. pylori vaccination: Is there a path to protection?

Reviewer code: 00631936

Science editor: Ling-Ling Wen

Date sent for review: 2013-09-30 13:24

Date reviewed: 2013-10-30 18:07

| CLASSIFICATION | LANGUAGE EVALUATION | RECOMMENDATION | 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"/> Existed | <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) | | BPG Search: | <input type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E (Poor) | <input type="checkbox"/> Grade D: rejected | <input type="checkbox"/> Existed | <input type="checkbox"/> Major revision |
| | | <input type="checkbox"/> No records | |

COMMENTS TO AUTHORS

I appreciate the careful reading and reasoning of yours in writing the review. I recommend acceptance.

ESPS Peer-review Report
Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5995

Title: H. pylori vaccination: Is there a path to protection?

Reviewer code: 01047630

Science editor: Ling-Ling Wen

Date sent for review: 2013-09-30 13:24

Date reviewed: 2013-12-15 13:11

| 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"/> Existed | <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"/> Existed | <input type="checkbox"/> Major revision |
| | | <input type="checkbox"/> No records | |

COMMENTS TO AUTHORS

This is a good review paper for H. pylori vaccine. It reviews many previous studies and makes a guide to direction of future studies. However, there are somethings to be revised. 1) Some sentences are hard to understand. 2) English whriting should be improved. 3) Careful check for abbreviation should be done. 4) Reference style should be corrected. The above things are makred in the attached file.

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 5995

Title: H. pylori vaccination: Is there a path to protection?

Reviewer code: 00037869

Science editor: Ling-Ling Wen

Date sent for review: 2013-09-30 13:24

Date reviewed: 2013-12-16 08:31

| 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 checked="" type="checkbox"/> Grade B: minor language polishing | <input type="checkbox"/> Existed | <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"/> No records | <input type="checkbox"/> Rejection |
| <input type="checkbox"/> Grade D (Fair) | | BPG Search: | <input type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E (Poor) | <input type="checkbox"/> Grade D: rejected | <input type="checkbox"/> Existed | <input type="checkbox"/> Major revision |
| | | <input type="checkbox"/> No records | |

COMMENTS TO AUTHORS

H. pylori vaccination: Is there a path to protection? This is a comprehensive review article about the history and current understanding of vaccine development for H. pylori. The article was invited for publication in a special issue of World Journal of Gastroenterology. Major comments From the discussion in this review article, the answer to the title question seems to be no--at least not at present. Perhaps a more detailed discussion should be included about whether or not this effort should continue-on without new or novel ideas about how to be successful. One concern about the manuscript is that most of the references are old--from the early 2000's. Little is mentioned about further progress in vaccines delivered to mucosal surfaces. It would also be prudent to discuss the epitopes used to make vaccines as a separate section; for instance, how are efforts to use Lpp20 (or those in combination with UreB and CagA) going, even if used only in mouse models. Little was also reviewed about efforts to use OpiA, LPS, or anti-oxidant proteins as targets for vaccine development. Delivery systems are also very important, as indicated--so how are efforts coming-along to use chimeric flagellin as a delivery system? Overall, there were probably a couple of hundred scholarly articles published in 2012 and 2013 concerning vaccine development and very few were included in the review article. Some of the work in animal studies are showing promise but have yet to be translated into human studies. Why--what are the challenges in getting permission to use delivery systems, etc.. not already approved for human use into the clinic. A few words about this issue should be included in the Consequences section. It would also be a good idea in a comprehensive review article to have at least one or two figures that summarize where things stand and where they might go in the future. It might also be helpful to have one figure that



BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, United States

Telephone: +1-925-223-8242 Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com <http://www.wjgnet.com>

summarizes the epitopes available on H. pylori, epithelial cells, dendritic cells, etc.. which have been targeted or should be targeted for vaccine development. There were many typographical and grammatical errors in the manuscript, so thorough proof-reading should be done. The use of commas to separate sections of a sentence would be appreciated.