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315-321 Lockhart Road,
Wan Chai, Hong Kong, China

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

ESPS Manuscript NO: 6012

Title: Proteomic analysis of proteins expressed by Helicobacter pylori under oxidative, osmotic and acid stresses: Identification of biomarkers useful for diagnosis and prognosis of gastrointestinal diseases

Reviewer code: 02536414

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-30 16:24

Date reviewed: 2013-10-16 09:08

| 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

Recent developments on proteomics technologies have led to direct qualitative and quantitative identification of protein dynamics by mass spectrometry. This manuscript is a short review that summarizes candidate marker proteins for H. pylori-related gastrointestinal maladies identified by proteome analysis. I found that this manuscript is well-organized and well-summarized based on the background of H. pylori and environmental stresses along with the novel protein findings by the authors, providing useful information for readers. Thus, I think that this manuscript is suitable to be published in the World Journal of Gastrointestinal Oncology. I have a few minor points on typing errors as described below. Minor points 1. On page 3, line -3: The font style of "H" in "H. pylori" should be italic as "H. pylori." 2. On page 4, line -6: A period is needed in "H pylori" to be "H. pylori." 3. On page 8, line -7: It should not be underlined under the period (.) in "oxidative stress[38]." 4. On page 10, line -6 and -4: The reference number of 30 should be superscript.



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Title: Proteomic analysis of proteins expressed by Helicobacter pylori under oxidative, osmotic and acid stresses: Identification of biomarkers useful for diagnosis and prognosis of gastrointestinal diseases

Reviewer code: 02535761

Science editor: Zhai, Huan-Huan

Date sent for review: 2013-09-30 16:24

Date reviewed: 2013-10-24 17:26

| 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) | <input type="checkbox"/> Grade D: rejected | <input type="checkbox"/> Existed | <input type="checkbox"/> Minor revision |
| <input type="checkbox"/> Grade E (Poor) | | <input type="checkbox"/> No records | <input type="checkbox"/> Major revision |

COMMENTS TO AUTHORS

this is well done work with new proposals for biomarkers in H pylori pathologies. the data are convincing and the discussion is based on well documented experiments. I suggest to publish it as it is.