

ANSWERING REVIEWERS



June 4, 2014

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 11101-revised.doc).

Title: Differential gene-expression profiling of gastric intraepithelial neoplasia and early-stage adenocarcinoma

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Name of Journal: *World Journal of Gastroenterology*

ESPS Manuscript NO: 11101

The manuscript has been improved according to the suggestions of reviewers:

1 Format has been updated

2 Revision has been made according to the suggestions of the reviewer

(1) "The concordance of diagnosis for LGIN, HGIN and EGC in two different hospitals between two pathologists.": The two pathologists review all cases from two different hospitals according to the same criterion and agree with all the diagnosis. When discordance of diagnosis between two pathologists appears, the tissue samples will not be included in this study. We have added this in the materials section.

(2) "In gene profiling and GOS2 analysis, there was no NORMAL tissue as controls.": There are no pathological diagnosis of normal gastric mucosa in both the 2 hospitals. Instead, the pathological diagnosis of chronic gastritis is considered as the normal status of gastric mucosa in our hospitals. Therefore, the pathological diagnosis of chronic gastritis was considered as controls. We have added this in the materials section.

(3) "For scoring immunohistochemical staining result, authors need explain how two pathologists resolved the discrepancy between their scorings." Although most of the scoring results between two pathologists were the same, there are discrepancy in 15 specimens. To solve this situation, we invite the two pathologists get together and discussion the image, and they made the final decision and agree with each other. If they cannot agree with each other, the specimens will not be included in this study.

(4) The figure 5C represents HGIN and figure 5D represents EGC.

(5) I have added a short introduction of GOS2 in the Discussion section.

(6) There are no any cases with a spectrum of disease(all 4 kinds of) in a single patient.

(7) "Statistical analysis": $P < 0.05$ was considered statistically significant, instead of " $\alpha=0.05$ ". We have revised that in the statistical analysis section.

(8) The discrepancy of the results between mRNA expression and immunohistochemical staining level was explained in the discussion section.

3 References and typesetting were corrected

Thank you again for publishing our manuscript in the *World Journal of Gastroenterology*.

Sincerely yours,



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