



July 19, 2013

Dear Editor,

Please find enclosed the edited manuscript in Word format (file name: 3743-review.doc).

**Title:** Metabolomic studies of human gastric cancer: Review

**Author:** Naresh Doni Jayavelu and Nadav S. Bar

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

**ESPS Manuscript NO:** 3743

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

- (i) Format has been updated.
- (ii) Manuscript has been edited by editorial service to fulfill language requirements (Certificate is attached).
- (iii) Revision has been made according to the suggestions of the reviewer:

**Reviewer 00048752**

1. We agree with reviewer that atrophic gastritis and H. Pylori infection are two important factors causing gastric cancer. But current literature on metabolomic studies connecting these factors and gastric cancer is very limited. We found one article (Yu et al, 2011) discussing this topic and we have described in this paper.

**Reviewer 00001114**

2. The structure of the paper (summary and future directions) is revised according to reviewer's suggestions.
3. Typos and spelling mistakes are corrected.
4. Texts to italic are changed and full forms for NMR, MS etc are added as per reviewer's suggestions.
5. References are updated with page numbers (if available). Some of the references are reports.

**Reviewer 01803692**

6. Spelling mistakes are corrected.

**Reviewer 00504363**

7. We completely agree with the reviewers comment regarding the effects of environmental factors on gastric cancer but at this point of time there is no metabolomic studies related to this topic to the best of our knowledge. The main objective of this review is to briefly present metabolomic applications in screening and detection of gastric cancer not to understand the effects of environmental factors causing cancer.

8. Metabolomics identifies the potential biomarkers for early screening and detection based on metabolic differences in cancer groups and non-cancer groups and both the groups are exposed to similar conditions.
9. Specific metabolic tools applied in gastric cancer are described as per reviewer's suggestions. The choice of the analytical technique depends on the type of sample collected for analysis. We have explained it in **Analytical techniques** section.

(iv) References and typesetting were corrected

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

Sincerely yours,

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