

## ANSWERS TO REVIEWER'S COMMENTS

May 12, 2015

Dear Editor,



Please find enclosed the edited manuscript in Word format (file name: 17667-review.doc).

**Title:** Association of eNOS gene T-786 C Promoter Polymorphism with Gastric Cancer

**Author:** Krishnaveni Devulapalli, Amar Chand Bhayal, Shravan Kumar Porika, Uma Devi Malladi, Ramanna Macherla, Jyothy Akka, Pratibha Nallari, Bala Krishna N and Venkateshwari Ananthapur

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

**ESPS Manuscript NO:** 17667

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

1. Manuscript format has been updated according to the editor's suggestions.
2. Revision has been made according to the suggestions of the reviewer

- (1) The conclusion of the abstract is much too optimistic with the postulation that lowered NO levels result in tumor proliferation, angiogenesis and metastasis. This should be explained in more detail in the manuscript and should be proven by the results or the reference of other studies.

As per the suggestion given by the reviewer, the postulation "lowered NO levels result in tumor proliferation, angiogenesis and metastasis" has been explained in the discussion part of the manuscript with help of the references of other proved studies.

- (2) - Abbreviations have to be explained in the manuscript as well as in the abstract.

All the abbreviations in the abstract and in the manuscript were explained.

- (3) -The introduction is much too general about gastric cancer. The introduction should be shortened and be much more focused on the aim of the study.

According to the reviewer's suggestion, the introduction part is shortened and focused on the aim of the study.

- (4) The performed statistical analyses should be explained in more detail.

As per the suggestion, the performed statistical analyses are explained in detail.

- (5) - Figure 2 should be explained in more detail, to which test does the OR refer to.

The Figure 2 in the manuscript has been modified for the easy understanding of OR to which it refers to.

- (6) - Table 1 should be explained in more detail, to which test does the OR and p-value refer to?

In Table 1, T/T genotype and T allele are considered as reference and OR and p - value refers to the corresponding genotypes i.e. T/C, C/C, T/C+C/C and T/T+T/C vs C/C in the table which were following the T/T genotype. It is mentioned in the Table 1 of the manuscript.

- (7) - The statistical results should be checked by a statistician.

The statistical tests were done by javastat online software and were reviewed by a biostatistician.

- (8) - What means +ve and -ve in Table 2? Please explain.

Individuals with *Helicobacter pylori* infection were classified as +ve and those without infection were as -ve.

- (9) - The authors should add clinical parameters and treatment information and survival analyses of the patients which GC.

The present study is aimed at evaluating the role of eNOS gene -786 T>C promoter polymorphism in patients who diagnosed with gastric cancer, but it is not a follow up study. Therefore, the study is not focused on clinical parameters, treatment information and the survival analysis of the patients. Moreover, whatever the genotype present in an individual will remain the same throughout the life time and not going to be altered based on the clinical parameters and methods of treatment.

- (10) The discussion part is much too general. It should be more focused on the special cancer aim of this study.

The discussion part has been modified to concentrate on the main cancer aim of the study.

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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