

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Gastrointestinal Oncology

ESPS manuscript NO: 17667

Title: Endothelial Nitric Oxide Synthase T-786 C Promoter Polymorphism (rs2070744) is associated with Gastric Cancer in South Indian population

Reviewer's code: 02446379

Reviewer's country: Greece

Science editor: Xue-Mei Gong

Date sent for review: 2015-03-21 20:23

Date reviewed: 2015-03-25 03:18

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

The authors have written an interesting paper regarding the role of e NOS -786 T>C polymorphism in developing gastric cancer in south Indian population and have managed to show that there was a significant difference in the distribution of C allele in patient group compared to the control subjects exhibiting a fivefold increased risk for gastric cancer. Overall the paper is quite educative giving new information in this issue. My suggestion is that merits to be published in WJGO in its current form.

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Title: Endothelial Nitric Oxide Synthase T-786 C Promoter Polymorphism (rs2070744) is associated with Gastric Cancer in South Indian population

Reviewer's code: 02546581

Reviewer's country: Germany

Science editor: Xue-Mei Gong

Date sent for review: 2015-03-21 20:23

Date reviewed: 2015-04-10 22:22

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input checked="" type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input checked="" type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

This is an interesting study about a polymorphism of eNOS, which has not been well investigated in patients gastric cancer. But unfortunately the study has some major issues of insufficiency. - The abstract should be revised. It should be more focused on the important findings of this study. The conclusion of the abstract is much too optimistic with the postulation that lowered NO levels result in tumour 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. - Abbreviations have to be explained in the manuscript as well as in the abstract. -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. - The performed statistical analyses should be explained in more detail. - Figure 2 should be explained in more detail, to which test does the OR refer to. - Table 1 should be explained in more detail, to which test does the OR and p-value refer to? - The statistical results should be checked by a statistician. - What means +ve and -ve in Table 2? Please explain. - The authors should add clinical parameters and treatment information and survival analyses of the patients which GC.



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

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Reviewer's code: 00111771

Reviewer's country: Italy

Science editor: Xue-Mei Gong

Date sent for review: 2015-03-21 20:23

Date reviewed: 2015-03-22 03:10

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" 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"/> The same title	<input type="checkbox"/> High priority for publication
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		BPG Search:	
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		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The manuscript is about an interesting topic, is well written and the methods are sound. However, the functional interpretation of the results are not balanced. In particular, the lower production of nitric oxide associated with the CC genotype of the polymorphism under investigation cannot be interpreted as a certain proof of an increased carcinogenesis. In fact, nitric oxide plays a very complex role in cancer development and lower levels are not necessarily associated with increased risk of cancer (many pieces of evidence sustain exactly the opposite hypothesis). I strongly suggest the authors to expand this point in the discussion section and to cite review articles on the role of nitric oxide in cancer development such as Mocellin S Curr Cancer Drug Targets 2009;9(2):214-36 and Burke AJ Carcinogenesis 2013;34(3):503-12

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Reviewer's code: 02534290

Reviewer's country: Romania

Science editor: Xue-Mei Gong

Date sent for review: 2015-03-21 20:23

Date reviewed: 2015-03-29 16:25

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
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		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Dear Authors, Congratulation on your excellent work. However, I didn't find in your manuscript a mentioning about the type of cancer you' ve studied - distal gastric cancer, or proximal gastric cancer. As you know these two types are considered different from epidemiological, pathogenesis and prognostic view. I think if you mention them, or treat them seperately this would be of more interest for the world's scientific community. Thank you!