

## ESPS PEER REVIEW REPORT

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

**ESPS manuscript NO:** 12621

**Title:** miR-133a functions as a tumor suppressor in gastric cancer by repressing IGF1R

**Reviewer code:** 00071702

**Science editor:** Yuan Qi

**Date sent for review:** 2014-07-18 10:03

**Date reviewed:** 2014-07-29 01:45

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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
<input checked="" 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		BPG Search:	
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

Emerging evidence has shown that microRNAs are involved development and dissemination of gastric cancer. miR-133a could serve as a potential tumour suppressor in several distinct cancer types that includes esophageal squamous cell carcinoma, bladder cancer, prostate cancer, colorectal cancer, osteosarcoma and breast cancer. However, the specific role of miR-133a in gastric cancer is largely unknown. The work documents a very interesting aspect and data looks convincing. But I have few concerns that need to be addressed before the work is accepted for publication. 1.How were the samples selected for the study ? Describe. 2.What were the exclusion and inclusion criteria for the selection of samples ? Elaborate. 3.HEK293T cells - gastric epithelial cell line ? Confirm. 4.What prompted the authors to investigate the possible role of IGF1R ? Did the authors adopted a non-bias approach for selection of predicted-targets? Specify. 5.High-throughput technologies, such as miRNA oligonucleotide arrays and quantitative RT-PCR have demonstrated significant associations between miRNA expression levels and tumor type, grade, response to treatment and prognosis. Does this indicate the potential for miRNAs to serve as useful markers of disease state ? The possibility of using miR-133a as a biomarker for gastric cancer must be discussed. 6.What is the translational significance of this work ? Understanding of the molecular networks controlled by miRNAs should be exploited for future cancer treatment. Discuss the feasibility of this strategy in light of complexities involved in a disease such as gastric cancer.

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

**ESPS manuscript NO:** 12621

**Title:** miR-133a functions as a tumor suppressor in gastric cancer by repressing IGF1R

**Reviewer code:** 00061678

**Science editor:** Yuan Qi

**Date sent for review:** 2014-07-18 10:03

**Date reviewed:** 2014-07-22 07:53

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 checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input checked="" 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"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

Dear Editor, Authors Thanks for sending the manuscript "miR-133a functions as a tumor suppressor in gastric cancer by repressing IGF1R." for revision - Title represent the aim and content - Good idea and relatively new field of research - Well organized - Significant grammatical errors need revision  
Thanks

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**Title:** miR-133a functions as a tumor suppressor in gastric cancer by repressing IGF1R

**Reviewer code:** 02460289

**Science editor:** Yuan Qi

**Date sent for review:** 2014-07-18 10:03

**Date reviewed:** 2014-07-19 12:12

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> Existing	<input type="checkbox"/> High priority for publication
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<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Existing	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

## COMMENTS TO AUTHORS

no

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<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

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no