



**ESPS Peer-review Report**

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

**ESPS Manuscript NO:** 10127

**Title:** Low expression of miR-193a-5p correlates with lymph node metastasis and poor prognosis in colorectal cancer

**Reviewer code:** 02849903

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-03-17 13:55

**Date reviewed:** 2014-03-18 15:26

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input checked="" type="checkbox"/> Minor revision
		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

**COMMENTS TO AUTHORS**

Zhang and colleagues report that miR-193a-5p expression is an evident clinical biomarker to stratify patients with colorectal cancer. This novel findings is innovative to find out the patients with colorectal cancer who need to follow up carefully because of the risk of disease specific death. This paper is well-organized and the novel data reported support the conclusions drawn by the authors. Several points to be addressed in order to improve the merit of this paper include: Major 1. The definition of miR-193 “High” group and “Low” group should be noted. 2. The representative figure of qRT-PCR should be shown. Minor 1. The authors concluded that TGF might act as target molecule of miR-193a-5p. The role of TGF in tumor progression has been known as double-edged sword and its function may be depends on cancer progression. This may partly explain the inaccordance of tumorigenic and anti-tumor role of miR-193. Please consider mentioning these subjects into text. 2. How about miR-193a-5q expression in adenoma? 3. Because an estimation of colorectal cancer patients survival by biomarker is more meaningful to select suitable therapeutic modality before surgical resection. miR-193 expression in patient’s serum will be valuable. If it is difficult to obtain patient’s blood, please consider adding this notion into text. 4. Page3, Line21: “show” to “shows”



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## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 10127

**Title:** Low expression of miR-193a-5p correlates with lymph node metastasis and poor prognosis in colorectal cancer

**Reviewer code:** 00505466

**Science editor:** Ya-Juan Ma

**Date sent for review:** 2014-03-17 13:55

**Date reviewed:** 2014-03-25 17:49

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

The manuscript concerns an interesting topic is well written. A few minor comments may be made. On page 3, the acronym 'MLNL', although already explained in the abstract, should be explained in the main text at its first appearance. If the numbers are not too small for analysis, it might be interesting to see for the group of patients with nodal metastases whether miR-193a-5p expression is related to survival. The references should all be noted according to the journal's guidelines



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## ESPS Peer-review Report

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

**ESPS Manuscript NO:** 10127

**Title:** Low expression of miR-193a-5p correlates with lymph node metastasis and poor prognosis in colorectal cancer

**Reviewer code:** 00057695

**Science editor:** Ya-Juan Ma

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**Date reviewed:** 2014-04-16 11:51

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 type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

In this manuscript, the authors examined the expression of miR-193a-5p in colorectal cancer tissues and the metastatic lymph node using quantitative polymerase chain reaction. It was found that down-regulation of miR-193a-5p correlated with tumor progression, lymph node metastasis and poor survival in CRC patients.. The manuscript is nicely written and the study design is well constructed. The topic is innovative and of future clinical value and is indeed within the scope of the journal. Most of the published literature focused on the involvement of this class of small noncoding RNA molecules in tumour progression of other cancers. Little is written about it influence (downregulation or overexpression) in colorectal cancer. This article may open the door wide open for the future use of miR-193a-5p as a molecular biomarker for diagnosis and prognosis in colorectal cancer patients. I have the following minor comments: ? It would be nice to touch -in the Discussion- on the cost of this test if it is applied clinically to colorectal patients. ? MLNL and FFPE were abbreviated in the introduction and Material and methods, respectively without the full wording.