

PEER-REVIEW REPORT

Name of journal: World Journal of Gastroenterology

Manuscript NO: 44934

Title: Plasma microRNAs as potential new biomarkers for early detection of early gastric cancer

Reviewer's code: 03002705

Reviewer's country: Romania

Science editor: Ruo-Yu Ma

Date sent for review: 2019-01-09

Date reviewed: 2019-01-29

Review time: 23 Hours, 19 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input checked="" type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer's expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input checked="" type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

Zhu XL et al. present an original paper where they analyze the differentially expressed miRNAs in the plasma of patients with early and advanced gastric cancer compared with those in benign gastritis. The aim of the study is straightforward and the paper is



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well written and structured. To date, there are few reports on the value of miRNA as a biomarker in early gastric cancer. The major limitation of the paper is the absence of the healthy controls. Normal controls should be enrolled in your study to assess the differently expressed miRNAs in the peripheral plasma of patients with gastritis and gastric cancer. Therefore, the paper needs a major revision regarding this aspect.

Minor: 1) The subsection about miRNA from Discussion (the second paragraph) should be included in the Introduction. 2) Please include a section that discusses the strength and the limitation of your study and analysis 3) The conclusions should be more concise and informative (the last sentences can be removed).

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No

BPG Search:

- ☐ The same title
- ☐ Duplicate publication
- ☐ Plagiarism
- ☐ No