

PEER-REVIEW REPORT

Name of journal: *World Journal of Gastroenterology*

Manuscript NO: 90675

Title: MicroRNAs: A novel signature in the metastasis of esophageal squamous cell carcinoma

Provenance and peer review: Invited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 07540117

Position: Peer Reviewer

Academic degree:

Professional title:

Reviewer's Country/Territory: Iran

Author's Country/Territory: China

Manuscript submission date: 2023-12-13

Reviewer chosen by: AI Technique

Reviewer accepted review: 2023-12-19 10:23

Reviewer performed review: 2023-12-27 20:30

Review time: 8 Days and 10 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Novelty of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No novelty
Creativity or innovation of this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No creativity or innovation

Scientific significance of the conclusion in this manuscript	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Good <input type="checkbox"/> Grade C: Fair <input type="checkbox"/> Grade D: No scientific significance
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous
	Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

General comment: The topic approached by the authors of this paper is interesting and overall, I just have some remarks/suggestions to point out. The study provides a comprehensive overview of the importance of miRNAs in metastasis of esophageal squamous cell carcinoma, discussing how miRNAs can regulate gene expression and act as tumor suppressors or oncogenes. It explains how miRNAs can affect the metastasis of ESCC through various genetic mechanisms and by targeting specific and key factors.

Specific comments: - The study does not provide a detailed discussion on the mechanisms of miRNA regulation, such as how miRNAs interact with mRNAs or what factors influence their expression. - The study does not provide a comprehensive overview of the potential therapeutic strategies for miRNA-based therapy, such as the development of safe and efficacious delivery systems. - The authors did not discuss the potential side effects of miRNA-based therapies, such as the risk of off-target effects or the potential for miRNA-based therapies to be used in combination with other treatments. - The study does not provide a detailed discussion of the clinical implications of miRNA-based therapies, such as the potential for miRNA-based therapies to improve



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