

PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 76820

Title: Development and validation of an epithelial-mesenchymal transition-related gene signature for predicting prognosis

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 05647263

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: China

Author's Country/Territory: China

Manuscript submission date: 2022-04-02

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-04-05 09:01

Reviewer performed review: 2022-04-05 09:13

Review time: 1 Hour

Scientific quality	<input checked="" type="checkbox"/> Grade A: Excellent <input 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 Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input 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 checked="" type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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Peer-reviewer statements	Peer-Review: [<input type="checkbox"/>] Anonymous [<input checked="" type="checkbox"/>] Onymous Conflicts-of-Interest: [<input type="checkbox"/>] Yes [<input checked="" type="checkbox"/>] No
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SPECIFIC COMMENTS TO AUTHORS

The paper was well written. Language is fluent. Methods are appropriate. In the figure 2, which is a flowchart. 'normal sample' was written as 'normol samples'. Please revise

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Reviewer's code: 06286468

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Academic degree: MD

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Reviewer's Country/Territory: China

Author's Country/Territory: China

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Review time: 12 Days

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
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	Conflicts-of-Interest: [<input type="radio"/>] Yes [<input checked="" type="radio"/>] No

SPECIFIC COMMENTS TO AUTHORS

In this study, univariate, least absolute shrinkage and selection operator Cox regression analysis and multivariate Cox regression analysis were applied to establish and validate a new EMT-related gene signature for predicting the LUAD prognosis. 7 EMT-associated prognostic gene were found had a perfect capacity of predicting prognosis. The study is logically designed, the idea is new and very interesting. Although, there are several concerns that need to be addressed. Comments: 1. Some references cited in the manuscript are old, so it is recommended to use latest references. 2. More work should be added in the discussion section. 3. An in-depth mechanism study is lack in this work. The authors should add more mechanism study in the manuscript, or add your research plan at least. 4. The concept of EMT was first reported in embryology area. EMT is a biological process which is of great importance in embryogenesis and organ development. I suggest that the research process and some discoveries of EMT could be added in the introduction section. Some references could be cited, "Exosomes Regulate the Epithelial-Mesenchymal Transition in Cancer", "EMT Transition States during Tumor Progression and Metastasis" and "Pinin Induces Epithelial-to-Mesenchymal Transition in Hepatocellular Carcinoma by Regulating m6A Modification", for example, or any other similar references. 5. I think language polishing from a native speaker of English is necessary.