



PEER-REVIEW REPORT

Name of journal: *World Journal of Clinical Cases*

Manuscript NO: 75895

Title: Construction and Validation of a Novel Prediction System for Detection of Overall Survival in Lung Cancer Patients

Provenance and peer review: Unsolicited Manuscript; Externally peer reviewed

Peer-review model: Single blind

Reviewer's code: 06100418

Position: Peer Reviewer

Academic degree: MD

Professional title: Doctor

Reviewer's Country/Territory: Japan

Author's Country/Territory: China

Manuscript submission date: 2022-02-21

Reviewer chosen by: AI Technique

Reviewer accepted review: 2022-02-27 23:59

Reviewer performed review: 2022-03-11 08:22

Review time: 11 Days and 8 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
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



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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
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SPECIFIC COMMENTS TO AUTHORS

Many factors have an aberrant effect on the overall survival of lung cancer patients. In recent years, remarkable progress has been made in immunotherapy, target treatment, and promising biomarkers. However, the available treatments and diagnostic methods are not specific for all patients. Identifying new diagnostic and therapeutic biomarkers for cancer treatment is urgent. This study combined the WGCNA algorithm with DEGs to identify pivotal genes associated with clinicopathological characteristics and to provide insights into targeted therapy of lung cancer. The study is very well designed and the results are very interesting. The data in tables and figures are very good. However, the limit of the study was not discussed. Please make a short discuss about the limit of the study. And a minor editing is required.



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Peer-review model: Single blind

Reviewer's code: 06100484

Position: Peer Reviewer

Academic degree: PhD

Professional title: Associate Professor

Reviewer's Country/Territory: Brazil

Author's Country/Territory: China

Manuscript submission date: 2022-02-21

Reviewer chosen by: AI Technique

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Reviewer performed review: 2022-03-11 08:24

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SPECIFIC COMMENTS TO AUTHORS

This study established a prediction system for predicting poor survival in patients with lung cancer. The differential analysis of all screened genes, weighted gene co-expression network analysis was performed to analyze hub genes related to patient survival. Overall the study is interesting. The figures should be updated with high quality images.