



## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Clinical Oncology*

**Manuscript NO:** 98753

**Title:** Comprehensive assessment of the association between tumor-infiltrating immune cells and the prognosis of renal cell carcinoma

**Provenance and peer review:** Unsolicited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 08050877

**Position:** Peer Reviewer

**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** China

**Manuscript submission date:** 2024-07-04

**Reviewer chosen by:** Jia-Lin Zhang

**Reviewer accepted review:** 2024-07-17 15:26

**Reviewer performed review:** 2024-07-21 08:54

**Review time:** 3 Days and 17 Hours

<b>Scientific quality</b>	<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 Grade E: Do not publish
<b>Novelty of this manuscript</b>	<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
<b>Creativity or innovation of this manuscript</b>	<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



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

In this study, Guohao Wei and Chuandong Zhu et al. investigated the impact of 22 tumor-infiltrating immune cells on the prognosis of renal cell carcinoma (RCC) using the CIBERSORT algorithm on data from the TCGA database. Their work identifies four immune cells (Macrophages M1, Macrophages M2, CD4+ memory activated T cells, and follicular helper T cells) significantly associated with RCC survival, leading to the development of an immune risk scoring model and a nomogram to predict patient survival, enhancing the understanding of immune cell roles in RCC and providing novel tools for personalized prognosis and treatment strategies. I think this study suitable for publication after major revision. 1. First, the English writing expression throughout the manuscript does not meet the writing requirements of scientific papers and needs to be carefully revised. 2. Please carefully check the abbreviations throughout the paper to make sure the full English name is clarified when it first appears. 3. Table 1, Table 2, etc. are mentioned in the results section of the manuscript, however, the relevant tables are not shown in the article, please check and show the relevant data. 4. Figure 1 is not clear, please provide a higher resolution image. 5. The authors should carefully revise the



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Group**

7041 Koll Center Parkway, Suite  
160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** office@baishideng.com  
**https://**www.wjgnet.com

“Introduction” section of the paper and may add subordinate content as appropriate: 1) Expand on the diverse roles of the immune system in cancer development, progression, and response to therapy, emphasizing RCC. 2) Discuss the limitations of current prognostic models in RCC and the potential for immune infiltration data to improve these models. 3) Emphasize the importance of understanding immune cell diversity within the tumor microenvironment and its implications for treatment etc. 6. For “Discussion” section: 1) the authors should better elaborate on the clinical relevance of the findings, particularly how they could influence RCC treatment strategies. 2) Discuss potential biological mechanisms underlying the observed associations between immune cells and RCC prognosis. 3) 7. For “Results” section, what conclusion can be drawn from these findings? Please clarify.



## RE-REVIEW REPORT OF REVISED MANUSCRIPT

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**Academic degree:** MD

**Professional title:** Doctor

**Reviewer's Country/Territory:** China

**Author's Country/Territory:** China

**Manuscript submission date:** 2024-07-04

**Reviewer chosen by:** Meng-Liu Luo

**Reviewer accepted review:** 2024-08-08 09:15

**Reviewer performed review:** 2024-08-08 15:50

**Review time:** 6 Hours

<b>Scientific quality</b>	<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
<b>Novelty of this manuscript</b>	<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
<b>Creativity or innovation of this manuscript</b>	<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



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160, Pleasanton, CA 94566, USA  
**Telephone:** +1-925-399-1568  
**E-mail:** office@baishideng.com  
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<b>Scientific significance of the conclusion in this manuscript</b>	<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
<b>Language quality</b>	<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
<b>Conclusion</b>	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
<b>Peer-reviewer statements</b>	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

The authors have now carefully polished their paper and responded to the previous questions one by one, so I think the revised manuscript is suitable for publication.