

August 8, 2024

*World Journal of Clinical Oncology*

RE:

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

Dear Editor-in-Chief :

We appreciate your efforts and suggestions on our manuscript entitled "Comprehensive analysis of the association between tumor-infiltrating immune cells and the prognosis of renal cell carcinoma" (98753). We fully improved the manuscript, and the detailed point-by-point response to the reviewer's comments is presented below. Now, we are resubmitting the revised manuscript for your consideration for publication in the *World Journal of Clinical Oncology*.

Responses to the comments are as follows:

**Reviewer:**

**Comments to the Author**

*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.*

Thank you very much for your nice comments and professional advice.

*1. First, the English writing expression throughout the manuscript does not meet the writing requirements of scientific papers and needs to be carefully revised.*

We appreciate the reviewer's advice. Now, our manuscript has been edited by Wiley. Additionally, we sought the assistance of a native English speaker to improve the grammar and language usage.

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## ENGLISH EDITING CERTIFICATE

This document certifies that the manuscript listed below was edited for proper English language, grammar, punctuation, spelling, and overall style by one or more of the highly qualified native English speaking editors at Wiley Editing Services

### Manuscript title

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

### Authors

Guohao Wei, Xiyi Wei, Lingyao Fan, Wenzheng Zhou, Ming Sun, Chuandong Zhu

### Order No

BUREA\_6

### Date Issued

August 6, 2024



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*2. Please carefully check the abbreviations throughout the paper to make sure the full English name is clarified when it first appears.*

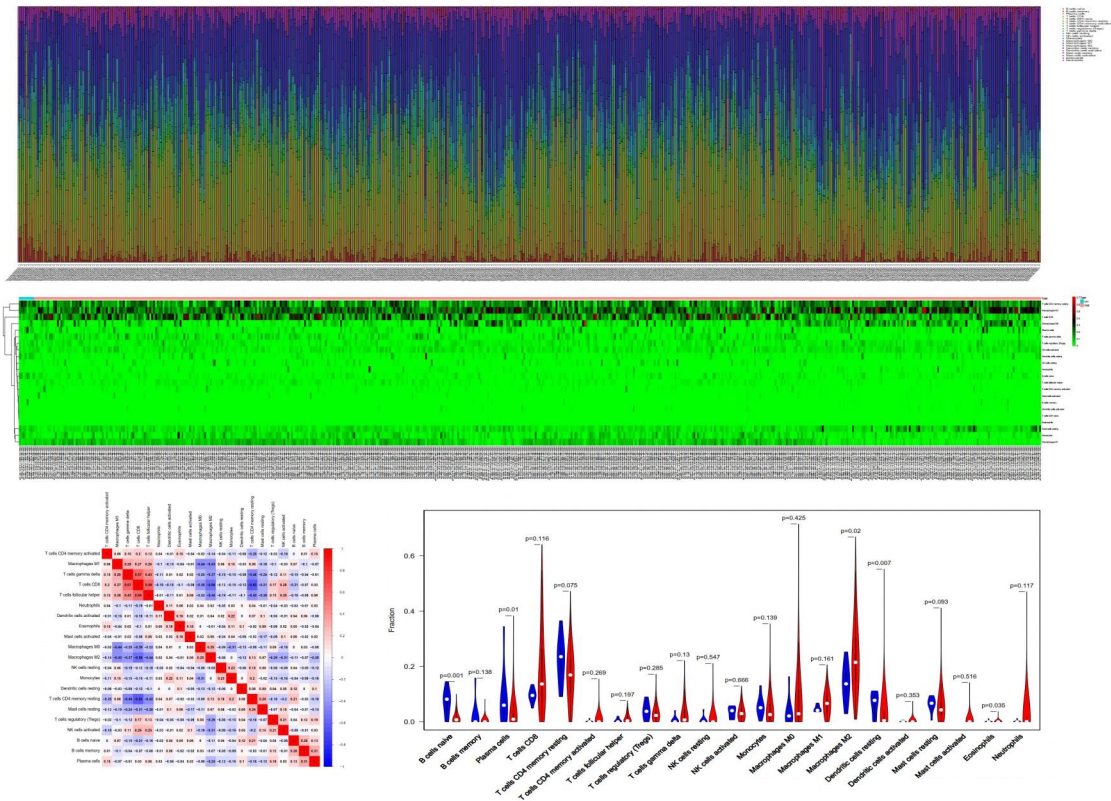
Thanks a lot for the reviewer's comments. We have re-checked the abbreviations in the entire manuscript to make sure that the first appearance of the full English name was explicitly.

*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.*

We greatly appreciate the reviewer's nice comments. We have apologized for not recognizing that not all of the files were uploaded during the submission process and have re-uploaded them.

*4. Figure 1 is not clear, please provide a higher resolution image.*

Thanks for the reviewer's suggestion. We apologize for this and we have re-uploaded the new high resolution image. (The image format is svg)



5. The authors should carefully revise the “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.

We appreciate the reviewer’s advice. In the current manuscript, we have overhauled the introductory section. For the modified parts we have highlighted them in the manuscript.

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.

Thanks a lot for the reviewer's comments. We have supplemented this section in detail according to your suggestions, which have been highlighted in the manuscript. In addition we have thoroughly updated the full text literature to better fit the article.

7. For “Results” section, what conclusion can be drawn from these findings? Please clarify.

Great thanks for the reviewer’s kind comments. We have added more detail to the

results section and further clarified the conclusions in the last paragraph of the manuscript. For the modified parts we have highlighted them in the manuscript.

Many Thanks for your letter regarding the review outcome of the above-referenced manuscript for consideration for publication as a research article in WJCO.

Sincerely,

Chuan-dong Zhu

Department of Oncology, The Second Hospital of Nanjing, Affiliated to Nanjing University of Chinese Medicine, 1-1 Zhongfu District, Nanjing 210003, China.

zhucd@njucm.edu.cn