# *Pathology, Immunology, and Laboratory Medicine*

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Dear Communications Biology Editorial Group,

First, we really want to express our sincere appreciation for the positive feedbacks.

Enclosed please find our revised submission of original research article entitled “Mapping Immune Landscape in Clear Cell Renal Carcinoma by Single-Cell Genomics”. We believe we have fully addressed all the critiques from all reviewers.

Here are the key points for the submitted manuscript:

1. We have updated the analysis using the most updated and verified single cell RNAseq pipeline, as indicated in the methods section. There will be significant changes in graph presentation but did not influence major conclusions.
2. We have added several published datasets, including a Mass CyTOF data from Sade-Feldman, 2018; normal kidney tissues; healthy normal PBMC etc in the revision;
3. We also included immunohistochemistry to define different populations of CD4 and CD8 T cells.

Due to the COVID-19 outbreak, our laboratory cannot receive fresh clinical specimens for new experiments at the University of Florida. We addressed the reviewers’ critiques to our best extend and covered all questions and suggestions.

We really appreciate your favorable consideration. Please don’t hesitate to contact us if you need further information.

Sincerely yours,



Weizhou Zhang, Ph.D.