

In vivo single cell transcriptomics reveal *K. pneumoniae* skews lung macrophages to promote infection

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Please note that the manuscript was previously reviewed at another journal and the reports were taken into account in the decision making process at EMBO Molecular Medicine. Since the original reviews are not subject to EMBO Press' transparent review process policy, the reports and author response cannot be published.

22nd Sep 2022

Dear Prof. Bengoechea,

Thank you for submitting your manuscript to EMBO Molecular Medicine. I have now carefully read your manuscript, point-by-point response to the referees' comments and discussed it with the other members of our editorial team. In addition, I have sought external advice on the study from an expert in the field. Our advisor reached a conclusion that the study is suitable for publication in EMBO Molecular Medicine. Therefore, I am pleased to inform you that we will be able to accept your manuscript pending the following final amendments:

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Yours sincerely,

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We thank the editor and the editorial board members, and the expert in the field for their support to publish this manuscript.

As suggested, we have reviewed extensively the figures, and panels within the figures, to facilitate the readability. The previous version include 11 main figures and now this revised version includes only 8 main figures. We also include now only 5 extended view figures. The rest of the information is shown in the Appendix that includes only 7 figures. Of the original multi panel main figures, some of the panels now are decanted to the Appendix. Additional supportive figures are reported at EBI BioStudies; S-BSST892. Altogether, while still reporting all datasets, the readability of the manuscript has great improved.

Finally, we have edited the text as suggested by the editorial team including the format of the manuscript (removing the Author Contributions section) and the callout for Supplementary Table 3 (now table EV1).

19th Oct 2022

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