

Title: Bone marrow mesenchymal stem cells induce M2 microglia polarization through PDGF-AA/MANF signaling

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Dear editor,

Thank you very much for reviewing our submission and providing us with the reviewers' comments. The manuscript has been improved according to the suggestions of reviewers and editor as follows:

Peer Reviewer 1 (02542063) Comments

1. The title seems too long, please short it.

Authors' Response: Thank you for your comment. We have shorten the title, which is "Bone marrow mesenchymal stem cells induce M2 microglia polarization through PDGF-AA/MANF signaling".

2. Methods are very clear, and reasonable. 3. Results are excellent. Figures are good. However, some of the figures are too small, please make an update. If authors can provide the original figures, it will be better. 4. The discussion is OK. The results are well discussed with updated ref. 5. Manuscript is well written.

Authors' Response: We thank the reviewer for their comments. We have provided the original figures, and prepared the editable figures in the manuscript.

Peer Reviewer 2 (02856243) Comments

Excellent study about the how mesencephalic astrocyte-derived neurotrophic

factor influences Bone marrow mesenchymal stem cells-mediated M2 polarization. The authors have done a lot of work. The results are informative, especially the figures, also the discussion is acceptable. I have no specific comments.

Authors' Response: We thank the reviewer for their attention in reviewing the manuscript and for their input.

Peer Reviewer 3 (02855115) Comments

Very interesting study about the BMSCs. The results of the study are very important. I suggest to accept the study for publication as it was.

Authors' Response: We thank the reviewers for taking the time to review our manuscript and for their positive and constructive comments.

We are grateful to the reviewers for their efforts, we believe that the reviewers' comments have helped improve the manuscript considerably. Thank you.

Sincerely yours,

Prof. Yujun Pan

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