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A Fibroblast Growth Factor 20-expressing, Wnt-responsive progenitor populates the olfactory epithelium and regulates turbinate growth
DEVELOPMENTAL-CELL-D-18-00032R1

Jun 06, 2018

Dear Dave,

I am pleased to let you know that, based on your revisions and the reviewer comments below, your manuscript can now be accepted in principle at *Developmental Cell*. We cannot formally accept your manuscript until you have uploaded final files that meet the production guidelines in the*Developmental Cell* Final File Checklist . Once we receive those files, we can move forward with accepting your manuscript and scheduling it for publication.

Please see the Final Files Checklist to make sure your paper complies with our guidelines and everything is in order. We suggest having multiple authors go through the checklist and revised materials to ensure that all items are complete. We won't be able to proceed with your paper until all the steps have been followed accurately.

If you have any questions about any of the points in the final file checklist, please email us (devcelleditor@cell.com).

The paper will also need be in compliance with the newly introduced format for reporting experimental procedures, methods, and analysis. STAR Methods, the new Cell Press methods reporting format, replaces the Experimental Procedures and Supplemental Experimental Procedures sections. The STAR Methods Webpage will guide you through this new format for presenting the materials and methods. The new format has several advantages, including unlimited length that does not count towards the overall manuscript character limit. It also includes a table that lists all reagents at a glance and a standard set of sections to allow systematic reporting of the methods used. Before we can move forward with publication of your manuscript, we will need you to adjust the information that is provided in the Experimental Procedures and Supplemental Experimental Procedures in the current paper to the STAR Methods format and update with any information that may have been missing. Please refer to the webpage for guidance, but I am of course available at any point to aid in this transition. I realize that the conversion of the current methods to the new format will take some effort, and we very much appreciate your help with this. Please let us know as soon as you can if you need more time to prepare your manuscript for formal acceptance, so that we can plan accordingly in terms of scheduling the paper.

Please upload your final version to our manuscript submission site as a revision of DEVELOPMENTAL-CELL-D-18-00032R1. We would like to have the revised manuscript within 1-2 weeks, but please let us know immediately if you feel you will need more time.

When you submit your revised files, our team will check them and will contact you if there are any remaining formatting issues that need to be resolved. We will also share any editorial comments on the revised files at this point.

Cover Submissions: If you would like to submit a cover image, please see our cover submission guidelines. Here, you will find guidelines as well as a cover template that contains the journal logo and crop lines. A striking image on the cover attracts more attention to the paper, so please do consider sending us an image!

Please note that your paper is not formally accepted at this stage and cannot be until we receive the materials listed above. Please let me know if you have any questions, and I look forward to hearing from you.

Yours sincerely,
Masha

Masha Gelfand, Ph.D.
Scientific Editor, Developmental Cell

Reviewer comments:
Reviewer #1: The authors have responded satisfactorily to all queries, and improved the manuscript by incorporating new data.

Reviewer #3: The authors have mostly addressed my experimental concerns. The addition of data on Dusp6 expression is helpful but still, from a conceptual standpoint it remains unclear that Fgf20 signaling is playing a major role in regulating turbinate growth, a point that the authors appear willing to concede. A stronger case can be made for the importance of canonical wnt signaling in the FEP cells. I acknowledge that the authors do make this point, but the way the data are presented the emphasis seems to revolve around Fgf20 signaling, which weakens the overall conclusion of the manuscript.