



The conserved Pelado/ZSWIM8 protein regulates actin dynamics by promoting linear actin filament polymerization

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Transaction Report:

(Note: With the exception of the correction of typographical or spelling errors that could be a source of ambiguity, letters and reports are not edited. The original formatting of letters and referee reports may not be reflected in this compilation.)

Please note that the manuscript was previously reviewed at another journal and the reports were taken into account in the decision-making process at Life Science Alliance.

No full Peer Review Process File is available with this article, as the authors have chosen not to make the review process public in this case.



Re: Life Science Alliance manuscript #LSA-2022-01484-T

Prof. Marek Mlodzik
Mount Sinai School of Medicine
Dept. of Developmental & Regenerative Biology
Anbg Bldg 18-92
One Gustave L. Levy Place, Box 1475
New York, NY NY 10029

Dear Dr. Mlodzik,

Thank you for submitting your manuscript entitled "The conserved Pelado/ZSWIM8 protein regulates actin dynamics by promoting linear actin filament polymerization" to Life Science Alliance. The manuscript was assessed by expert reviewers at EMBO Reports and based on their feedback we would like to invite further consideration of this manuscript at LSA pending the following revisions:

- Address Reviewer 1's comments.
- Address Reviewer 2's Specific Points. The points made about alternative explanations for the claim that Pelado regulates linear versus branched actin filaments should be addressed via Discussion.
- Address Reviewer 3's comments via Discussion, unless additional data is readily available.

To upload the revised version of your manuscript, please log in to your account:
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You will be guided to complete the submission of your revised manuscript and to fill in all necessary information. Please get in touch in case you do not know or remember your login name.

While you are revising your manuscript, please also attend to the below editorial points to help expedite the publication of your manuscript. Please direct any editorial questions to the journal office.

The typical timeframe for revisions is three months. Please note that papers are generally considered through only one revision cycle, so strong support from the referees on the revised version is needed for acceptance.

When submitting the revision, please include a letter addressing the reviewers' comments point by point.

We hope that the comments below will prove constructive as your work progresses.

Thank you for this interesting contribution to Life Science Alliance. We are looking forward to receiving your revised manuscript.

Sincerely,

Novella Guidi, PhD
Scientific Editor
Life Science Alliance



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RE: Life Science Alliance Manuscript #LSA-2022-01484-TR

Prof. Marek Mlodzik
Icahn School of Medicine at Mount Sinai
Dept. of Developmental & Regenerative Biology
Anbg Bldg 18-92
One Gustave L. Levy Place, Box 1475
New York, NY NY 10029

Dear Dr. Mlodzik,

Thank you for submitting your revised manuscript entitled "The Pelado/ZSWIM8 protein regulates actin dynamics by promoting linear actin filament polymerization". We would be happy to publish your paper in Life Science Alliance pending final revisions necessary to meet our formatting guidelines.

Along with points mentioned below, please tend to the following:

- please add ORCID ID for corresponding author-they should have received instructions on how to do so
- please upload your supplementary figure files as single files and add your supplementary figure legends to the main manuscript text
- please add a figure callout for Figure S1C & S1E

Figure Check:

- Figure 5D, Figure 6A, Figure S5B need scale bars
- Figure 6C: splices after 1st blots in 1st, 2nd, and last row. Please provide source data.

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To avoid unnecessary delays in the acceptance and publication of your paper, please read the following information carefully.

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-- High-resolution figure, supplementary figure and video files uploaded as individual files: See our detailed guidelines for preparing your production-ready images, <https://www.life-science-alliance.org/authors>

-- Summary blurb (enter in submission system): A short text summarizing in a single sentence the study (max. 200 characters including spaces). This text is used in conjunction with the titles of papers, hence should be informative and complementary to the title. It should describe the context and significance of the findings for a general readership; it should be written in the present tense and refer to the work in the third person. Author names should not be mentioned.

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****Submission of a paper that does not conform to Life Science Alliance guidelines will delay the acceptance of your manuscript.****

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Thank you for your attention to these final processing requirements. Please revise and format the manuscript and upload materials within 7 days.

Thank you for this interesting contribution, we look forward to publishing your paper in Life Science Alliance.

Sincerely,

Novella Guidi, PhD
Scientific Editor
Life Science Alliance



RE: Life Science Alliance Manuscript #LSA-2022-01484-TRR

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Icahn School of Medicine at Mount Sinai
Dept. of Developmental & Regenerative Biology
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One Gustave L. Levy Place, Box 1475
New York, NY NY 10029

Dear Dr. Mlodzik,

Thank you for submitting your Research Article entitled "The Pelado/ZSWIM8 protein regulates actin dynamics by promoting linear actin filament polymerization". It is a pleasure to let you know that your manuscript is now accepted for publication in Life Science Alliance. Congratulations on this interesting work.

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Sincerely,

Novella Guidi, PhD
Scientific Editor
Life Science Alliance