



USP30 sets a trigger threshold for PINK1-PARKIN amplification of mitochondrial ubiquitylation

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(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.)

No 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-2020-00768-T

Prof. Michael J. Clague
University of Liverpool
Physiology, Biomedical Sciences
Crown St.
Liverpool, Merseyside L69 3BX
United Kingdom

Dear Dr. Clague,

Thank you for submitting your manuscript entitled "A novel USP30 inhibitor recapitulates genetic loss of USP30 and sets the trigger for PINK1-PARKIN amplification of mitochondrial ubiquitylation." to Life Science Alliance. The manuscript was assessed by expert reviewers, whose comments are appended to this letter.

As you will see, while the reviewers appreciate your work, they also think that your claims need further strengthening. We would like to invite you to submit a revised version of your manuscript to us, addressing the individual criticisms raised. Importantly, the data on TOM20 ubiquitylation need to get strengthened as well as your conclusions regarding pUb levels. Please also include a better characterization of the inhibitor as well as a more detailed analysis of the Mass-Spec results. Finally, the discussion should get expanded and more comparisons to the recent, related work included.

To upload the revised version of your manuscript, please log in to your account:

<https://lsa.msubmit.net/cgi-bin/main.plex>

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.

We would be happy to discuss the individual revision points further with you should this be helpful.

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,



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A. THESE ITEMS ARE REQUIRED FOR REVISIONS

- A letter addressing the reviewers' comments point by point.
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*****IMPORTANT:** It is Life Science Alliance policy that if requested, original data images must be made available. Failure to provide original images upon request will result in unavoidable delays in publication. Please ensure that you have access to all original microscopy and blot data images before submitting your revision.***

2nd Editorial Decision25 June 2020

RE: Life Science Alliance Manuscript #LSA-2020-00768-TR

Prof. Michael J. Clague
University of Liverpool
Physiology, Biomedical Sciences
Crown St.
Liverpool, Merseyside L69 3BX
United Kingdom

Dear Dr. Clague,

Thank you for submitting your revised manuscript entitled "USP30 sets the trigger for PINK1-PARKIN amplification of mitochondrial ubiquitylation.". We would be happy to publish your paper in Life Science Alliance pending final revisions necessary to meet our formatting guidelines.

- please have secondary corresponding author add their ORCID ID
- please add a conflict of interest statement to your manuscript
- For Figure S2, please add a callout to the Figure or all of the figure panels (you currently have a callout for Figure S2 & Figure S2A)
- please provide your tables in editable docx or excel format versions
- please list 10 authors and et al. in your references

If you are planning a press release on your work, please inform us immediately to allow informing our production team and scheduling a release date.

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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.

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

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These items are required for acceptance.

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-- 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.



B. MANUSCRIPT ORGANIZATION AND FORMATTING:

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

****It is Life Science Alliance policy that if requested, original data images must be made available to the editors. Failure to provide original images upon request will result in unavoidable delays in publication. Please ensure that you have access to all original data images prior to final submission.****

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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,

Reilly Lorenz
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RE: Life Science Alliance Manuscript #LSA-2020-00768-TRR

Prof. Michael J. Clague
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Dear Dr. Clague,

Thank you for submitting your Research Article entitled "USP30 sets a trigger threshold for PINK1-PARKIN amplification of mitochondrial ubiquitylation.". 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.

The final published version of your manuscript will be deposited by us to PubMed Central upon online publication.

Your manuscript will now progress through copyediting and proofing. It is journal policy that authors provide original data upon request.

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Authors are required to distribute freely any materials used in experiments published in Life Science Alliance. Authors are encouraged to deposit materials used in their studies to the appropriate repositories for distribution to researchers.

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Again, congratulations on a very nice paper. I hope you found the review process to be constructive and are pleased with how the manuscript was handled editorially. We look forward to future exciting submissions from your lab.

Sincerely,

Reilly Lorenz
Editorial Office Life Science Alliance



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