Author’s response to reviews

Title: TRAIL signals through the ubiquitin ligase MID1 to promote pulmonary fibrosis

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TRAIL signals through the ubiquitin ligase MID1 to promote pulmonary fibrosis

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BMC Pulmonary Medicine

Please find below our point by point description of the changes made to our manuscript to address the Editorial and Review comments.
Technical Comments:

1. After the Conclusions in the Abstract, please add the heading “Keywords”, followed by three to ten keywords representing the main content of the article.

Done, line 27  Keywords: TRAIL, MID1, PP2A, Fibrosis, E3 Ubiquitin Ligase

2. Please add a 'Conclusions' heading after the discussion in the main manuscript. This should state clearly the main conclusions and provide an explanation of the importance and relevance of the study reported.

Done, line 361-363

3. Please move the Ethics approval statement for animal studies from the 'Acknowledgements' to the 'Ethics approval and consent to participate' section.

Done, line 370-372

4. Please move all the results tables out of the results section and place them after the References in a section called "Figures, tables additional files". This section should also contain the figure legends.

Done, line 549

5. Please rename figures E1 and E2 to 6 and 7 (unless otherwise needed to be retained) and suitably reference throughout the manuscript.

Done – figure E2 has been removed as suggested in review

Magnification has been added to figure legend and arrows demonstrating features have been added as requested by Reviewer 2.

6. Under the heading "Funding", please declare the role of the funding body in the design of the study and collection, analysis, and interpretation of data and in writing the manuscript.

Statement added lines 390-392; “Funding bodies played no role in the design of the study nor collection, analysis, or interpretation of data nor in writing the manuscript.”
7. Under the heading "Authors' contributions", please confirm whether all authors read and approved the final manuscript.

Statement added line 411; “All authors read and approved the final manuscript.”

8. All studies using animal models should be accompanied by the ARRIVE checklist. Please provide the same. Details of the checklist can be found at https://www.biomedcentral.com/getpublished/editorial-policies#research+involving+animals.

Statement line 371-372 : “all animal experiments, which were conducted and reported in accordance with the ARRIVE guidelines.”

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Reviewer reports:

Kazuyoshi Kuwano (Reviewer 1): Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format.

Please overwrite this text when adding your comments to the authors.

Riitta Kaarteenaho, Ph.D., M.D. (Reviewer 2):

Thank you very much for giving me the opportunity to evaluate the revised version of the manuscript of which I have some comments about the revised figures E1 and E2. Scale bars and/or magnifications of the images E1 and E2 is missing, which would needed to add. Moreover, arrows indicating the observations in the figure E1 would be demonstrative. The revised figure E1B is not sharp. The higher magnification of the figure E1D would be recommendable.
Arrows have been added highlighting the observations and a higher resolution of what is now figure 6 c-f is provided. Magnification is now included in the figure legend.