**Author’s response to reviews**

**Title:** Aerosol drug delivery to the lungs during nasal high flow therapy: an in vitro study

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We are grateful and we thank the Editor and reviewers for their constructive comments. We have detailed our responses and actions taken point-by-point below.

Response to comments made by the Editor:

Comment 1: Please state whether the images depicted in your figures are your own or taken/modified from another source. If taken/modified from another source please acknowledge the source in the figure legend, and if it a source is under copyright then please also state the written permission given to use and adapt it. If the above conditions are not met then the images would need to be removed. Please note the editors may request proof of permission at any time. Should you require an alternative source you may wish to try Wikimedia Commons: [http://commons.wikimedia.org/wiki/Main_Page](http://commons.wikimedia.org/wiki/Main_Page)

Response: We can confirm that all the images depicted in all our figures are our own. None of them have been taken/modified from another source. Therefore, we do not see the need to add the image source in the figure legend.

Comment 2: Please include captions for all figures included for publication.
Response: All captions for all figures have been included. We have for each Figure item added the caption in the Figure description.

Comment 3: When submitting your revised manuscript please ensure you do so as a single clean copy without any tracked changes, colored or highlighted text, as these are no longer required at this stage of the editorial process.

Response: All tracked changes, coloured and highlighted text have been removed. The manuscript now is a single clean copy.

Response to comments made by Pierachille Santus (Reviewer 2):

Comment 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.

Response: We have removed the attachment with all the comments for the authors and included them in his box instead.