

Dear Editor,

please find enclosed the revised version of the manuscript taking into account the suggestions and remarks of the Reviewer. All the corrections to the text have been made and we improved the figures as suggested. We only left unchanged the gray color of the background of Figure 6 since it is an aesthetic choice which does not affect the readability of the figure.

Information on "Data availability" has also been included.

Many thanks for following all the review steps of this manuscript.

Kind regards

Silvia Terzago and coauthors