

Peer Review File

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Reviewer A

The analysis carried out by the authors is interesting and a useful tool for researchers working on COPD. Both tables and figures are very useful and informative.

However, it would be important to update the references with those published between 2022-2023. It would also be necessary to do an English revision as there are many grammatical and typographical errors.

Reply: Thank you for your suggestion. All your suggestions are very important and have guiding significance for paper writing and our research work.

Changes in the text: We have modified grammatical and typographical errors in our text and updated 13 references in the manuscript as advised (see Page 17, line 16-19, reference 6; Page 18, line 1-3, reference 8; Page 18, line 15-17, reference 14; Page 19, line 1-7, reference 17-18; Page 20, line 8-10, reference 26; Page 21, line 11-12, reference 34; Page 22, line 10-22, reference 42-46; Page 23, line 5-7, reference 48).

Reviewer B

The article is well-written and structured. However, the clinical and scientific impact of such kind of study is low. The conclusions that lead to any novelty, are very general.

Reply: Thank you for your comment. COPD is an important chronic disease with a heavy burden, and its pathogenesis has not been fully explained. Growing studies observed the potential role of mitochondria in COPD, it is really a new and interesting topic. We summarized the research status, research direction, and research hotspots about mitochondria in COPD, we hope our findings will provide more information for future research of COPD. Based on your suggestion, we have identified the shortcomings in my current work and corrected them in the manuscript, and thank you again for your kind suggestion.

Changes in the text: We have made some refinements to the conclusions in the discussion section of the article (see Page 14, line 28- Page 15, line 9).