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Diabetes mellitus and COVID-19 : Understanding the association in light of current evidences

Response of Authors

Sl No	Reviewer Comment	Author Reply
1	<p><u>Reviewer #1:</u></p> <p>Overview of the manuscript This review focus on the possible cause and mechanism involved Covid-19 infection in diabetic people and role of antidiabetic drug in SARS-CoV-2 infection. However, the design of the review is too messy, just piling up articles without in-depth analysis and discussion, and many expressions are not professional, so we do not recommend publication. Details 1. The term COVID-19 is spelled differently, for instance, Covo-19 in abstract Covi-19 in Core Tip and so on. This makes the article less professional. 2. Figure Legends should be added in Fig.1, and all the figures and tables should be added at the end of the text, not inserted into the text. References in Fig. 2 should be added. 3. The subtitles of the paper are too messy, so it is suggested to reorganize the content of the whole text. 4. In addition, it is better to use systematic evaluation and meta-analysis to review the research papers.</p>	<ul style="list-style-type: none">• I apologise for spelling Covi-19 differently. We have rectified the issue.• Figure Legends added in Fig.1, and all the figures and placed at the end of the text• Both the figure is original one therefore no references were included.• Subtitles modified partially.• The focus of the review was aimed to find the association between Covid-19 and Diabetes. Therefore, detail we have not conducted detail meta-analysis of published paper. But to discuss the prevalence we have discussed outcome of some meta-analysis. <p>The paper revised considering the comments.</p>
2	<p><u>Reviewer #2:</u></p> <p>It's a good study. However, minor revision is required. 1) As in the diabetes cytokine relationship, the COVID-19 cytokine relationship can be mentioned. Although not, do they act on the same inflammatory pathways? 2) Although ACE2 is responsible</p>	<ul style="list-style-type: none">• Cytokine storm mechanism in Covid-19 people was discussed in the section '<i>Cytokine Storm</i>'. Diabetes also cause increase generation of inflammatory

	<p>for virus invasion, it is known that there is increasing ACE1-mediated cytokine expression during replication. This issue also needs to be discussed. 3) The effect of antidiabetic drugs on COVID-19 can be evaluated as a separate subtitle</p>	<p>mediators which was discussed in that section.</p> <ul style="list-style-type: none"> • Discussion related to ACE-1 was included in the subsection <i>'ncreased Expression ACE-2, Protease and Other Specific protein</i> • Separate subtitle included for antidiabetic drugs on COVID-19
3	<p>Please resolve all language issues in the manuscript based on the peer review report. Please be sure to have a native-English speaker edit the manuscript for grammar, sentence structure, word usage, spelling, capitalization, punctuation, format, and general readability, so that the manuscript's language will meet our direct publishing needs.</p>	<p>Best care has been taken to resolve the issue related to English.</p>