

Dear Editors and Reviewers:

Thank you for your letter and for the reviewers' comments concerning our manuscript entitled "Taking medication for diabetes may modifies the link between serum zinc concentrations and prediabetes and diabetes in the general population" (ID: BTER-D-22-00345). Those comments are all valuable and very helpful for revising and improving our paper, as well as the important guiding significance to our researches. We have studied comments carefully and have made correction which we hope meet with approval.

Reviewer #1:

Scientific Quality: Grade A (Excellent)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: Thanks for responding to the paper. The comments are valid and should be incorporated.

**Response:** Thank you very much for your comments.

Reviewer #2:

Scientific Quality: Grade B (Very good)

Language Quality: Grade A (Priority publishing)

Conclusion: Accept (General priority)

Specific Comments to Authors: The article deals on the disease COVID-19, with the light, focused on augmented levels of angiotensin-converting enzyme (ACE-2), physical activities during COVID outbreak and mental health of the people. Topic-related pointers may be summarized as The COVID-19 affects the respiratory system leading to oxygen imbalance in the patients, resulting in muscle weakness and decreased physical activity. During the acute phase, gastrointestinal symptoms are shown by the body. The appetite is lost; thereby, food intake decreases. The glycolysis pathway comes into action to generate ATP, and lactate and creatine phosphate are produced as by-products. Due to their accumulation, patients often feel muscle

soreness and weakness, also a reason for decreased physical activity. The article concludes that exercising training for a long time does not indicate good mental well-being, but it may predict developing a mood disorder. The author pointed out that anxiety and depression may affect the various quality of life domains, such as being physically inactive. This shows that physical activity impacts mental health and vice versa. Physical activity and mental health are closely related and mutually affected. This is a concise yet very informative and significantly important article. This manuscript is eligible for publication in the journal.

**Response:** Thank you very much for your comments.

We tried our best to improve the manuscript and made some changes in the manuscript. These changes will not influence the content and framework of the paper. And here we did not list the changes but marked in red in revised paper.

We appreciate for Editors/Reviewers' warm work earnestly, and hope that the correction will meet with approval.

Once again, thank you very much for your comments and suggestions.