

Reviewer comments:

The proposed manuscript provides data from a single-centered prospective open cohort study on the association of the severity of metabolic syndrome with prediabetes and type 2 diabetes in first-degree relatives of type 2 diabetic patients. Study was based on results from 1,766 first-degree relatives of type 2 diabetic patients followed for 15 years. This study revealed that the metabolic syndrome Z-score was associated with an increased risk of type 2 diabetes in first-degree relatives of type 2 diabetic patients. Based on the obtained results, the authors of the study concluded that appropriate interventions at earlier stages for preventing and attenuating metabolic syndrome effects may be considered as an effective strategy for this at-risk population. The study is designed well and the manuscript is clear. After careful examination of the results, I do not find any issues. The authors critically discussed the weaknesses of their study.

Reply: Thank you,