

04.05.2021

Dear Sir/Madam,

We thank the editors and the reviewer for consideration of our manuscript and your valuable comments. Below we respond to the reviewer's and science editor's comments and detailed information about changes made in the text of the manuscript.

#### Response to Science Editor

1. We have reduced the number of self-citations and left only two self-citations, which are most closely related to the topic of the manuscript and the discussed issues.
2. The work was financially supported by the Ministry of Science and Higher Education of the Russian Federation within the Applied Science Research Program, project number № AAAA-A20-120041390028-0, and by the Estonia – Russia Cross Border Cooperation Programme 2014–2020, project number ER24. Copies of the grant application forms with English translation were provided.
3. We provide the figure 1 in a PowerPoint file with a link to the original image prepared by the authors of the manuscript, so that The Editor has the opportunity to reprocess the figure and its components if necessary.

#### Response to Reviewer

1. We have replaced T2D with T2DM throughout the text.
2. The information about the management of MVC in T2DM patients was added in a separate section **Management of MVC in T2DM patients**
3. The required information on the effect of hypertension and antihypertensive therapy on COVID19 outcomes in patients with T2DM was added to the section **Impact of genetic factors in vascular complications in diabetic patients with COVID-19**
4. We revised the English of the manuscript.