

April 14, 2014

Dear Editor,

Please find enclosed revised version of the manuscript (NO. 7773).

Title: Evidence for altered thiamine metabolism in diabetes: is there a potential to oppose gluco- and lipotoxicity by rational supplementation?

Authors: Lukáš Pácal, Katarína Kuricová, Kateřina Kaňková

Name of Journal: World Journal of Diabetes

ESPS Manuscript NO: 7773

We very much appreciate reviewer's effort and comments to the original submission which we indeed found helpful. We did our best to revise our manuscript accordingly. Comments on particular changes made are listed in the following below.

Answer to the reviewers' comments

Reviewer 1 (no. 2451558):

(1) As the author described in the manuscript "selected aspects of thiamine metabolism abnormalities in relation to diabetes has been reviewed earlier", this review did NOT provide some new information for this aspect to us. In addition, most of the references were published before the year of 2010. Articles published in the past three years are very few.

- Our review includes 10 references on top of those mentioned in cited reviews that have been published in the period 2011 – 2013. Yet, thorough literature search was performed for any new papers on the subject and all related papers have been included to the revised MS.

(2) The title was "Evidence for altered thiamine metabolism in diabetes: Is there a potential to oppose gluco- and lipotoxicity by rational supplementation?". This question has not been clarified in the manuscript. The question mark should be explained clearly and discussed fully.

- We agree that the answer to the question posed in the title have not been addressed sufficiently. We modified the last paragraph (Conclusions) and we now believe that we have provided most of available evidence and identified the gap in our understanding so that the answer sounds "no" now more clearly.

Reviewer 2 (no. 2821172):

1. A lot of the words were not displayed properly, even including the names and address of the authors.

- We reread the manuscript thoroughly and detected several typos that have been removed. We are not aware any typos in names or address of the authors.

2. The authors tend to use long sentences in their text, which makes it difficult to interpret. The authors should break long sentences into shorter ones in order to make it clear.

- We split the sentences wherever possible.

3. The authors should have their grammars checked and corrected throughout the text by some native English speakers.

- Grammar was carefully checked so that we believe the text is quite clear now.

Minor: 1. Hyperglycemia is spelled wrong as "hyperglycaemia" throughout the text.

2. it should be "more importantly" instead of "more important". 3. On p12, it should be "importantly" but not "Important", before "since no changes in fasting plasma glucose.....".

- Appropriate sentences were corrected.

Reviewer 3 (no. 2446589)

There are some minor typing errors as exemplified below. Page 8 last line: proteinkinase should be separated.

- The sentence was corrected.