

**To the Editor World Journal of Diabetes**

3 December 2014

**Name of journal:** *World Journal of Diabetes*

**ESPS Manuscript NO:** 13851

Sir,

We submit the revision of our manuscript ESPS No 13851.

Below you can find our response to reviewer's comments. We hope that we have successfully addressed all the raised concerns.

Sincerely,

Dr. Konstantinos Triantafyllou

***Reply to Reviewer***

Page 4 - *Subcutaneous adipose tissue (seems better – Adipose Tissue)*

**We have replaced *Subcutaneous adipose tissue* with *Adipose Tissue* in headings, according to the reviewer's suggestion**

It seems better explain the distribution and metabolism of adipose tissue, and explain about visceral (central) adipose tissue, and its relationship with blood flow and insulin resistance. The differences between central and subcutaneous blood flow must be described.

**We have further explained the differences between the two depots as the reviser suggested. This is now stated in red-lettering text in page 5-6. We have also included 4 more references (no. 32-35, in red lettering).**

In page 6 – “From a metabolic point of view, adipose tissue can be divided into central (abdominal) and peripheral (hips and buttocks) depots. An metabolic effect has been associated with central fat, (visceral and subcutaneous- each with different metabolic, hormonal properties and blood flow rates)” – It could be detailed, from a metabolic view and blood flow.

**As stated above we have further discussed the differences in fat depots, according to the reviewer's suggestion. This is now shown in red-lettering text in page 6.**

Page 6 – “expression of the receptor type A for ANP, and of endothelial NO synthase (NOS3)” – please the acronyms ANP and NO must be described.

**The reviewer is correct. We no longer use the acronyms; instead we use the actual terms within the whole text for ATBF, NO, ANP etc, and that is indicated in red lettering**

Page 9 – “The explanation for some of the discrepancies may be related to subject selection and the protocol used.” – nor only the type of meal but the method for detection blood flow is important in this evaluation.

**The reviewer is correct. We have added the above comment in red lettering in**

Page 9 - *Subcutaneous adipose tissue (seems better – Adipose Tissue)*

**Again, we have replaced *Subcutaneous adipose tissue* with *Adipose Tissue* in headings, according to the reviewer’s suggestion**

Page 11 – “SNS overactivity promotes oxidative stress. High oxygen free radical production consumes NO,” “namely eNOS and NPRA,” “flux of NEFA” please the acronyms SNS, NO, NPRA and NEFA must be described.

**The reviewer is correct. We now use the actual terms within the whole text instead of the acronyms, and that is indicated in red lettering in the revised form of the manuscript**

A reference could be included: F. O. Magalhães<sup>1</sup>, L. M. B. Gouveia<sup>1</sup>, M. T. C. G. Torquato<sup>1</sup>, G. M. G. F. Paccola<sup>1</sup>, C. E. Piccinato<sup>1</sup>, M. C. Foss<sup>1</sup> Metformin Increases Blood Flow and Forearm Glucose Uptake in a Group of Non-obese Type 2 Diabetes Patients. Horm Metab Res 2006; 38(8): 513-517. DOI: 10.1055/s-2006-949522

**According to the reviewer’s suggestion, we have included the above reference. Ref. No 49 (in red).**

**All corrections in the revised text are indicated in red.**