Reviewer’s report

Title: (R)-α-Lipoic acid inhibits fructose-induced myoglobin fructation and the formation of advanced glycation end products (AGEs) in vitro

Version: 0 Date: 08 Oct 2017

Reviewer: Michał Bijak

Reviewer's report:

This work is very interesting and has a big scientific potential. I found some issues which should be corrected before publication.

In abstract the aim of study should be given.

Introduction section is very interesting but is too long and should be shortened.

Some editorial bugs, revision of text should be performed.

The carbonylation colorimetric assay is not variable I suggest to use ELISA method according to Alamdari.

means ± SEM should be changed to means ± SD,

How Authors estimated possibility of use one way ANOVA?

In discussion section should be added section about ALA bioavailability in accordance to concentrations used in this study.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

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I am able to assess the statistics

Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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