Reviewer’s report

Title: Isoferulic acid prevents methylglyoxal-induced protein glycation and DNA damage by free radical scavenging activity

Version: 0 Date: 19 Jul 2015

Reviewer: Allan Cromarty

Reviewer's report:

There are a few language corrections as well as a few comments that need to be addressed. The statistical test is inappropriate and a non-parametric test should be applied. The results of the posthoc test is not shown anywhere and can be left out of the methods description. The figure legends should have more detail. In particular the gel images should carry at least the treatment to make it easier to interpret the results seen. The graphs of the band densities appear quite different from what is seen visually and this should be highlighted. The way the band densities were determined should be included as the settings used in the software can make a big difference. Are the incubation times appropriate to make physiological conclusions? There is mention of ELISA but there are no results shown for that assay? Rather take out the mention of the assay.

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.

Unable to assess

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

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review
**Quality of written English**

Please indicate the quality of language in the manuscript:

Needs some language corrections before being published

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