Reviewer's report

Title: Effects of olive oil and its minor phenolic constituents on obesity-induced cardiac disease

Version: 1 Date: 9 April 2010

Reviewer: ebru alturfan

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In the background

1) 1st paragraph: In the 2nd sentence, the statement below should be removed for it creates a mistrust to the researches on the related area.
   ‘…..but whether the effects really occur ………..’

2) 2nd paragraph, 3rd line: atherosclerosis should be corrected as ‘atherosclerotic’

3) According to which criteria were the doses of oleuropein and cafeic acid chosen?
   Are they equal to the amounts present in 3ml/kg/day olive oil given to the rats in the control group?
   Also why did the authors give 3ml/kg/day olive oil? Is it the adapted dose according to a human olive oil consumption?
   Although they are mentioned in page 5 how were them calculated?

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

'I declare that I have no competing interests'