Reviewer's report

Title: Effects of Acai (Euterpe oleracea Mart.) berry preparation on metabolic parameters in a healthy overweight population: A pilot study

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Reviewer: Susanne U Mertens-Talcott

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How much acai did the smoothie pack indeed contain? More specific information regarding study treatment is needed.

A polyphenolic profile of the extract needs to be added to this manuscript.

Std error or Std dev need to be added to Figure 1.

The investigators do not distinguish between CRP and hs-CRP - what was investigated?

P16: “Experiments with mice have found that doses of 3.3 to 16.7 g pulp per body weight, given i.p. once or daily for 14 consecutive days, did not cause any genotoxic effects.[19]” - please insert unit for weight – per what bodyweight?

The change in fasting glc 98 to 93 may be significant, yet 1-2 subjects easily could make or break this kind of minimal significant differences – what is the clinical significance of the findings?

What about effects size – specifically in a pilot trial, significance does not always mean clinical relevance. This should be carefully discussed for each assay.

As is, some of the conclusions are presented in a somewhat overstated manner – this may certainly mislead lay-readers and half-educated acai-enthusiasts. Adjustments should be made throughout.