Reviewer's report

Title: Increased dietary alpha-linolenic acid has sex-specific effects upon eicosapentaenoic acid status in humans: re-examination of data from a randomised, placebo-controlled, parallel study

Version: 1 Date: 7 July 2014

Reviewer: Markus Takkunen

Reviewer's report:

Discretionary Revisions:
There is no information of the method used for the plasma PC fatty acid composition measurement. This could be mentioned very briefly.

Page 4: "Correlations presented are Pearsons R-values." No correlations were presented.

Page 10 Table 1: The changes in fatty acids could be presented in this table and the baseline levels of omega-3 fatty acids in table 3.

Page 12 Table 3: Label this as a Table 1 and present it in the first chapter of the results as the characteristics.

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:
I declare that I have no competing interests.