Author’s response to reviews

Title: A 7-day high-PUFA diet reduces angiopoietin-like protein 3 and 8 responses and postprandial triglyceride levels in healthy females but not males: a randomized control trial.

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Author’s response to reviews:

Dear Dr. Zalm,

Thank you for reviewing our manuscript titled “A 7-day high-PUFA diet reduces angiopoietin-like protein 3 and 8 responses and postprandial triglyceride levels in healthy females but not males: a randomized control trial”. Below, we provided a point-by-point response to yours and reviewers’ comments. We have made the necessary changes in the corresponding sections on the manuscript as well. All the revisions are highlighted in yellow in the manuscript upon your request.

Technical Comments:

Editor Comments:

(1) Consent

Was consent to participate written or verbal? This has to be stated within the ethics statement.

Re: We revised the consent statement on page 4, line 80 of the manuscript.
(2) Author contributions

Under the heading "Authors' contributions", please confirm whether all authors read and approved the final manuscript.

Re: This statement was added under the corresponding heading on page 16, lines 367-368 of the manuscript.

(3) Declaration section

In the declarations section, under the heading "Availability of data and materials", if you do not wish to share your data, please state this and provide a reason indicating that the data can be available from authors upon request or that the data from the trial is included within the manuscript.

Re: The appropriate statement was added to this section of the manuscript on page 15, lines 356-357.

(4) CONSORT

All randomized control trials must follow the CONSORT guidelines and must be accompanied by a checklist. Please visit http://www.equator-network.org/reporting-guidelines/consort/ for further information.

Re: A CONSORT flow chart and checklist is made and uploaded as supplemental material to our submission. According to the CONSORT checklist, we revised minor things in the methods and results section on the manuscript (page 4, lines 75-76; page 6, lines 114-117; page 8, line 176).

Reviewer reports:

Ling Zhao (Reviewer 2):

I think the authors have addressed most of my concerns. However, I still wish that the authors described their results better. For example, the authors can differentiate better fasting TG levels vs. TGs after SFA meal challenge both in the figure legends and discussion.

Re: Thank you for your comment. We have revised the wording on this piece of results on page 9, line 188-192, and Table 1 title (page 21). Also, figure legends on page 20 (Figures 1, 3, 5, 7) were revised exactly as was advised previously.