Reviewer's report

Title: Obesity-induced inflammation: the link to insulin resistance and modulation by dietary fats

Version: 1 Date: 18 June 2013

Reviewer: Lisa Wood

Reviewer's report:

This is an interesting article, on a very timely issue. However, there are several for improvement:

Major Compulsory Revisions
1. There are many grammatical errors that make reading difficult.
2. There are also many statements where terminology has been incorrectly used such that the meaning of the sentence is incorrect. Just one of many examples is on pg5 'MCP-1 stimulates recruitment of macrophages into adipocytes via.....'. This is not correct. Macrophages are recruited into adipose tissue, not adipocytes.
3. I am not sure that the conclusion is well justified. There is a lot of clinical evidence presented, some of which does support the pro-inflammatory effect of SFA and the anti-inflammatory effect of n-3PUFA. Some tables summarising the available evidence might help in drawing the correct conclusions.
4. There is also at least one postprandial study using a high fat diet in asthma, which has been omitted from the paper and should be included.

Quality of written English: Not suitable for publication unless extensively edited

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