Reviewer's report

Title: Ferritin levels and risk of metabolic syndrome: meta-analysis of observational studies

Version: 1 Date: 27 January 2014

Reviewer: Monica Andrews

Reviewer's report:

The manuscripts need minor essential revisions. Conclusions must consider that ferritin and metabolic syndrome are related but this relationship seems to due to the chronic inflammation that subjects under this condition have, when high inflammatory markers are present and ferritin is increased, ferritin loses its sensibility as body iron levels.

In page 13, first paragraph of Strengths and limitations it says thirteen but it should say twelve.

Level of interest: An article whose findings are important to those with closely related research interests

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