Reviewer’s report

Title: Increased circulating chemerin in patients with advanced carotid stenosis

Version: 0 Date: 09 Jan 2018

Reviewer: Emiliano Angeloni

Reviewer’s report:

Well-designed study dealing with a novel and interesting topic.

The paper is clear, statistics are quite appropriate, and conclusions robust.

I only have a couple of minor concerns, as follows:

1. For clarity reasons, please divide Figure 1 into 3 figures: A --> Fig. 1, B+C+D+E --> Fig. 2, Fig. -->3. I also advice to enlarge and increase quality of such images.

2. The multivariable model with CAD as a dependent variable is not fair. You only have 50 endpoints (pts with CAD), so your model may include no more than 5 independent variables, instead you forced in 12. This probably explain why the model did not identify the well-established correlation of lipids and glucose levels with CAD. Please avoid, that multivariable model and its Table 3. Univariate correlation of Chemerin and CAD is robust and you should limit to that.

Are the methods appropriate and well described?
If not, please specify what is required in your comments to the authors.

Yes

Does the work include the necessary controls?
If not, please specify which controls are required in your comments to the authors.

Yes

Are the conclusions drawn adequately supported by the data shown?
If not, please explain in your comments to the authors.

Yes

Are you able to assess any statistics in the manuscript or would you recommend an additional statistical review?
If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I am able to assess the statistics
Quality of written English
Please indicate the quality of language in the manuscript:

Acceptable

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None

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