Reviewer's report

Title: Deletion of the NR4A Nuclear Receptor NOR1 in Hematopoietic Stem Cells Reduces Inflammation but not Abdominal Aortic Aneurysm Formation

Version: 0 Date: 04 Aug 2017

Reviewer: Giulia Chinetti

Reviewer's report:

In this manuscript the authors investigate the role of NOR-1 in the formation of abdominal aortic aneurysm.

It would be informative to have an idea of the total of 35 genes that are modified in NOR1 ko compared to wild type macrophages treated with LPS.

Is not clear on which criteria some of these genes have been measured by QPCR as shown in figure 2.

Have the authors observed any modifications of MMPs expression in NOR1 ko macrophages?

Even the aneurysm diameter is similar between wt and NOR1KO bone marrow transplanted mice, did the authors looked at the structure/composition of the aneurismal tissue? Can they comment on that?

Figures 5A and 5B: the basal values of diameter and width in mice without angiotensin should be included in the plots.
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.

No

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.

Not relevant to this manuscript

Quality of written English  
Please indicate the quality of language in the manuscript:

Acceptable

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