Reviewer’s report

Title: Integrative model of leukocyte genomics and organ dysfunction in heart failure patients requiring mechanical circulatory support: A prospective observational study

Version: 1 Date: 14 May 2017

Reviewer: Manuela Cabiati

Reviewer's report:

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Dr Wisniewski et co-authors in the paper submitted to BMC - Medical Genomics (titled: Integrative model of leukocyte genomics and organ dysfunction in heart failure patients requiring mechanical circulatory support: A prospective observational study) have worked to apply whole-genome mRNA gene expression profiling in circulating peripheral blood mononuclear cells of MCS patients and to reconstruct the temporal dynamics in response to surgery during the critical early hazard period, they have collected samples from the same patients at baseline and during the early and most critical period of the MCS therapy. All requests have been satisfied by Authors and the text is more readably by others in the field.

At present, the entire manuscript is well written and a careful linguistic revision was made,

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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