Reviewer’s report

Title: Alterations in hematologic indices during long-duration spaceflight

Version: 0 Date: 10 Mar 2017

Reviewer: Alauldeen Zubair

Reviewer's report:

Dear author,

Please address the following points:

1. The number of controls should be at least equal to the number of cases and preferably more. Why didn't you recruit more than ten controls?
2. It is better to write the range for each parameter in addition to mean and standard deviation.
3. Can you please explain how the effect of storage on controls was used to exclude similar effects on cases.
4. Please elaborate on how blood samples were delivered from space station to the ground.

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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2. Do you hold any stocks or shares in an organisation that may in any way gain or lose financially from the publication of this manuscript, either now or in the future?

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