**Reviewer’s report**

**Title:** The gut microbiome as a target for regulatory T cell-based immunotherapy: Induction of regulatory lymphocytes by oral administration of anti-LPS enriched colostrum alleviates immune mediated colitis

**Version:** 0  **Date:** 19 Sep 2015  
**Reviewer:** Chen Shuan Chung

**Reviewer's report:**

It is an interesting study using oral administration of Imm124E-induced colostrum to investigate the immune response in colitic mice model. However, there are some comments to this study:

**Major:**

1. The number of mice in each group is too small to draw a conclusion to the result since that some data did not show significant difference between groups but only trends.

2. In the method part, please describe the grading system for damage and regeneration scores in details.

**Minor:**

1. page 4 Grading of colon histology: There are some non-English letters at the ending of the paragraph.

2. page 3 line 50 Imm124E-induced -> Imm124E-induced

3. page 4 line 25 mice were purchase -> mice were purchased

4. page 5 line 15 4oC -> should be superscript character for "o".

5. page 6 line 16,29,30 significantly and significant were marked, please describe it why?

6. page 9 line 7 Imm124E-induced -> imm124E induced

**Are the methods appropriate and well described?**

If not, please specify what is required in your comments to the authors.

No
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.

Unable to assess

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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