Reviewer's report
Title: Lactobacillus paracasei feeding improves the control of secondary experimental meningococcal infection in flu-infected mice

Version: 0 Date: 20 Feb 2018

Reviewer: Farida Bendali

Reviewer's report:
Please include all comments for the authors in this box rather than uploading your report as an attachment. Please only upload as attachments annotated versions of manuscripts, graphs, supporting materials or other aspects of your report which cannot be included in a text format. Please overwrite this text when adding your comments to the authors.

Dear authors,
The work you presented in this manuscript is very interesting and well done. I just signaled some grammatical errors and I recommend correcting them for perfection of your manuscript.

Keywords (homogenate the style)
Mice instead of mice
Infection instead of infection

Background
Lines 54-56: Sentence too long, it should be reformulated

Methods
Line 99: In the beginning of a paragraph, the name of the bacterial species should be fully written. To write Lactobacillus instead of L
Line 99: …………………under aerobiosis instead of in aerobiose
Line 100: Indicate the duration and temperature of the centrifugation
Lines 100-108: throw all the manuscript, the material (centrifuge, spectrophotometer…) mark, city and country of the supplier should be indicated.
Line 105: Significance of GCB agar medium?
Line 106: To use ([H3N2]),
Lines 113, 115, 342 and 359: Pasteur Institute instead of Institut Pasteur
Line 113: ad libitum
Line 119: with (200 ml) with .. ???Not clear
Line 120: CFU/ml
Line 122: CFU/ml? What is the volume used?
Line 140: The sacrifice method used?
Line 140: After perfusion: with what ??
Line 158: 5000xg (duration and temperature ?)
Line 159: for cytokine were assays. To delete were
Lines 161 and 229: of total proteins instead of total protein….. The quantification of total proteins
Line 168: ACK buffer (Gibco)???
Line 169: the LSR Fortessa (BD Biosciences)???
Results
Line 193: after H3N2 influenza virus infection : repetition

Discussion
Line 268: feeding mice with
Line 289: was reported to decrease in the number of S. pneumonia

Figure 1. Part A
107/mouse instead of 2.108 CFU/mouse
Bioluminescent Neisseria meningitidis instead of NM

Best regards

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:
Needs some language corrections before being published

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