Reviewer’s report

Title: Inflammation biomarker discovery in Parkinson's disease and atypical parkinsonisms

Version: 1 Date: 25 Nov 2019

Reviewer: Chin-Hsien Lin

Reviewer's report:

The authors have answered most of the queries that were raised. However, the methodology of Bonferroni correction or Games Howell post hoc test hat were applied and all the description in the reply for the question 1 should be added in the section of statistic analysis in the manuscript.

In addition, since the number of each group was changed in this revision, the details in the table 1 were supposed to be amended accordingly. For example, the mean age at inclusion, the H-Y stage, the UPDRS part III and MMSE scores in the groups of MSA and PD.

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?
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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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