Reviewer’s report

Title:  Antibacterial, Antioxidant and Immuno-modulatory Properties in extracts of Barleria Lupulina Lindl.

Version: 0  Date: 06 Sep 2017

Reviewer:  A.H.M. Alam

Reviewer’s report:

The author has proven that the methanolic extracts of leaves and stem possess higher antibacterial, antioxidants and immunomodulating phytochemical compounds that was effective for antibacterial, antioxidant and immunomodulatory properties. However, the following queries have raised and need to address those before submit the revised manuscript.

1. Why did the author used methanol only as a solvent for extraction of leaves and stem? Although the author uses aqueous extract but need to use other solvents like ethyl acetate, chloroform, ethanol, n-hexen etc to choose the most suitable solvent system for extraction in this study. Did the author use stem or stem bark?

2. Is there any co-relation between antioxidant and immunomodulatory properties? What was the basis to perform immunomodulatory activity of these extracts?

3. The author describes that the antibacterial, antioxidant and immunomodulatory properties of the extracts were due to presence of phytochemicals. The author needs to describe specifically which sort of phytochemicals involved in such activities.

4. Need grammatical correction. Many grammatical errors are present throughout the manuscript.

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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