Reviewer’s report

Title: Associations of BAFF rs2893321 polymorphisms with myasthenia gravis susceptibility

Version: 0 Date: 08 Aug 2019

Reviewer: Mary Anne D. Chiong

Reviewer's report:

Very succinct manuscript. Abstract - improve paragraphs. do not use the word 'we". In the purpose: you said that BAFF is vital in the progression of MG- please clarify if this has been verified in the literature. maybe you have to restate this. In the introduction - in paragraph number 2 you said that serum BAFF are elevated in MG. Could give 1 or 2 sentences that will correlate it with the pathophysiology of MG in terms of acetylcholine receptors or NMJ proteins? Also why did you specifically choose BAFF among the many proteins that can cause autoimmune disease? you need to support this.3. In the study population please elaborate the inclusion criteria. you have to say whether the 4 parameters for Mg diagnosis that you have enumerated should be fulfilled before you got your patients for the study or just a clinical and one diagnostic procedure supporting MG is enough?4. In the single nucleotide polymorphism genotyping- can you clarify the statement" we selected 4% samples from Mg and health control groups and the results were consistent with the original SNP genotyping data" What did you mean by original snp data? is that from another literature?5. In your discussion there is a contradicting statement on paragraph 2 regarding BAFF and MG. You said in your introduction (2nd par) that BAFF was found to have proliferation in MG and yet in the discussion no study has been investigated yet.6. Apart from hormones, could you make some assumptions based on your findings how this specific polymorphism increased susceptibility to MG based on MG's pathophysiology? This will beef up your discussion

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

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If an additional statistical review is recommended, please specify what aspects require further assessment in your comments to the editors.

I recommend additional statistical review

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