Reviewer's report

Title: Polysaccharides from Liriopes Radix ameliorate streptozotocin-induced type I diabetic nephropathy via regulating NF-kappaB and p38 MAPK signaling pathways

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Reviewer: Wen-Jen Yu

Reviewer's report:

The manuscript numbered 4263971011970871 and entitled “Polysaccharides from Liriopes Radix ameliorate streptozotocin-induced type I diabetic nephropathy via regulating NF-kappaB and p38 MAPK signaling pathways” was reviewed. The authors described the interesting findings that PLSR exerted protective effects on STZ induced diabetic rats through inhibition of NF-kB and p-38 MAPK mediated inflammation. Although the findings and statements are clear, I would like to recommend editor board to accept this manuscript after the following comments are amended.

Minor Essential Revisions:
1. The number of independent test in results should be addressed in figure legend or elsewhere.
2. Some symbols to indicate the differences between IHC results should be used.
3. Some descriptions in figure legend should be amended such as in Fig2 (L4 to L6 “Normal………PSLR”). Similar sentences are appeared in Fig 3, Fig 4, Fig 5.
4. The ratios shown in bar figures in Fig4 (left), Fig 5 (left) and Fig6 (p-p38 MAPK/p38 MAPK) are not highly correlated to those bands shown in the representative figures.
5. The Y-axis in bar figure of Fig 4 (right) should be amended (#-actin instead of b-actin).

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:
I declare that I have no competing interests