

OPEN PEER REVIEW REPORT 1

Name of journal: Neural Regeneration Research

Manuscript NO: NRR-D-21-00565

Title: Brain protection by stellate ganglion block during ischemic stroke in diabetic rats: the TLR4/NF- κ B pathway and inflammation

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COMMENTS TO AUTHORS

I believe this is an important paper yet a number of clarifications are needed.

- 1) How rats died from SGB? Why?
- 2) The 6 groups needs to be clarified and made much easier to follow, they should also be in the abstract.
- 3) References should be checked for accuracy, ref 10 does NOT discuss anti-inflammatory effect of SGB, yet no references are provided re evidence suggesting as to the statement that SGB produces anti-inflammatory effects such as Yang, Xi, et al. "Impacts of stellate ganglion block on plasma NF- κ B and inflammatory factors of TBI patients." International journal of clinical and experimental medicine 8.9 (2015): 15630.
- 4) I believe an explanation for the circadian rhythm effect on SGB should be provided.