

## PEER-REVIEW REPORT 1

**Name of journal:** Neural Regeneration Research

**Manuscript NO:** NRR-D-18-00242

**Title:** Neuroplasticity, limbic neuroblastosis and neuro-regenerative disorders

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**Reviewer's country:** Chile

**Date sent for review:** 2018-04-20

**Date reviewed:** 2018-05-07

**Review time:** 19 Days

### COMMENTS TO AUTHORS

The article says about neuroregeneration processes. The authors tried to relate this process in different species of mammals, incorporating analysis in rodents, bats, cetaceans and humans. However, I believe that the comparison should be better explained and in a more direct way. For example, the connection between the first and second paragraphs on page 5 (Next, turnover of hippocampal ...) must be improved. Finally, I think it is very ambitious to analyze the state of the art in neuroplasticity, neuroblasptosis limbica and disorders of neurodegeneration in a minireview.

Specific aspects:

- a) The analysis of neurogenesis in bats and cetaceans is not mentioned in the conclusion.
- b) it is not clear what is the true role of ultrasound signals in neurogenesis (paragraph 2 page, 5).
- c) I do not know if it is so appropriate to postulate that neurogenesis remains controversial (I personally believe it is not) and at the same time highlight a group of diseases derived from the failure of neurodegeneration processes (conclusions).