

OPEN PEER REVIEW REPORT 1

Name of journal: Neural Regeneration Research

Manuscript NO: NRR-D-21-00285

Title: The role of serotonin in modulating the development and function of adult-born neurons in the olfactory bulb

Reviewer's Name: Jeff Eels

Reviewer's country: USA

COMMENTS TO AUTHORS

The manuscript "The role of serotonin in modulating the development and function of adult-born neurons in the olfactory bulb" is a solid review of the literature on this topic there are a few places that could be corrected/edited for clarity.

the sentence starting on line 7 is unclear, "in the first place" should be removed. It's not clear what information this provide and there is no "second place" mentioned later.

In the sentence starting on line 36, injecting BrdU didn't cause the reduction in BrdU+ cells, lesioning serotonin fibers were the causative variable.

Line 55 needs an "and" between 5-HT1A and 5-HT2C.

Throughout you switch between 5-HT and 5HT for the abbreviation for serotonin, this needs to be made consistent throughout.

I recommend expanding the reference list to include original publication for the information instead of a blanket citation of a review article.