

OPEN PEER REVIEW REPORT 1

Name of journal: Neural Regeneration Research

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Title: Current status and future prospects of stem cells therapy in Alzheimer's disease

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COMMENTS TO AUTHORS

This is a very interesting review.

There are a few points should be addressed as follows:

1. On page 1, lines 46-48, it will be better if the authors would mention the hallmarks feature of AD started with " accumulation of extracellular β -amyloid ($A\beta$) in senile plaques.....and followed with " intracellular deposition of NFTs....."
2. On page 4, lines 17-29, I think they should include adverse effects of those drugs such as allopregnanolone, apigenin, daucosterol and fluoxetine.
3. On page 9, 4.4. iPSCs, could they update/add some data about using *C. elegans* as in vivo AD model for stem cell therapy?