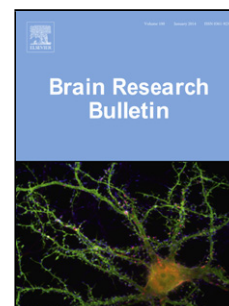


Accepted Manuscript

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PII: S0361-9230(17)30690-1
DOI: <https://doi.org/10.1016/j.brainresbull.2018.03.016>
Reference: BRB 9402

To appear in: *Brain Research Bulletin*

Received date: 21-11-2017
Revised date: 24-3-2018
Accepted date: 26-3-2018

Please cite this article as: Mehdi Aghsami, Mohammad Sharifzadeh, Mohammad Reza Sepand, Meysam Yazdankhah, Seyed Afshin Seyednejad, Jalal Pourahmad, A cAMP analog attenuates beta-amyloid (1–42)-induced mitochondrial dysfunction and spatial learning and memory deficits, Brain Research Bulletin <https://doi.org/10.1016/j.brainresbull.2018.03.016>

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A cAMP analog attenuates beta-amyloid (1–42)-induced mitochondrial dysfunction and spatial learning and memory deficits

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Highlight

- Mitochondrial dysfunction contributed to the cognitive impairment and neuronal death.
- Bucladesine inhibited memory and spatial learning impairment.
- Bucladesine prevented the hippocampal mitochondrial dysfunction and oxidative damage.

Abstract

Alzheimer's disease (AD), a neurodegenerative disorder in elderly, is indicated with deposition of Amyloid β (A β) in the brain and accompanied with cognitive impairment. Bucladesine, a

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