

## PEER-REVIEW REPORT

**Name of journal:** *World Journal of Biological Chemistry*

**Manuscript NO:** 66353

**Title:** Neuroprotection by dipeptidyl-peptidase-4 inhibitors and glucagon-like peptide-1 analogs via the modulation of AKT-signaling pathway in Alzheimer's disease

**Provenance and peer review:** Invited Manuscript; Externally peer reviewed

**Peer-review model:** Single blind

**Reviewer's code:** 05207387

**Position:** Editorial Board

**Academic degree:** DSc, PhD

**Professional title:** Professor

**Reviewer's Country/Territory:** South Korea

**Author's Country/Territory:** Japan

**Manuscript submission date:** 2021-03-26

**Reviewer chosen by:** AI Technique

**Reviewer accepted review:** 2021-03-26 10:29

**Reviewer performed review:** 2021-03-28 01:59

**Review time:** 1 Day and 15 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input checked="" type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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<b>Peer-reviewer statements</b>	Peer-Review: [ <input checked="" type="radio"/> ] Anonymous [ <input type="radio"/> ] Onymous Conflicts-of-Interest: [ <input type="radio"/> ] Yes [ <input checked="" type="radio"/> ] No
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## **SPECIFIC COMMENTS TO AUTHORS**

Thank you for recommending me as a reviewer. The authors summarize here the main features of AD pathogenesis, the regulatory roles of mTOR in AD, and the preventive and/or therapeutic implications of targeting the mTOR signaling with physical activity. This mini review is well written overall. If the authors complete minor revisions, the quality of the study will be further improved. 1. The introduction section of the study is well written. If you describe the background of your study more specifically, you can help readers understand it. 2. Before publication, the authors are encouraged to review the typos again.