

CORRECTION

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Correction: Efficacy of *Piper Longum* Extract in a Streptozotocin-Induced Mouse Model of Sporadic Alzheimer's Disease Combined with Chronic Restraint Through Lipocalin-2-Associated Neuroinflammatory Mechanism

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<https://doi.org/10.1186/s44424-025-00017-z>

In this article some typos have been found:

1. LCN2 labeling error
 - Location: Last sentence of Abstract
 - Original: “LNC2” → Correction: “LCN2”
→ This part will be corrected to “LCN2.”
2. Western blot unit error
 - Location: Methods, Western blot (p.4)
 - Original: “40 mg per lane” → Correction: “40 µg per lane”
→ This part will be corrected to “40 µg per lane.”
3. Typos
 - NanoDrap → NanoDrop
 - Sigma-Aldirich → Sigma-Aldrich
→ The typos will be corrected as indicated.
4. Reference errors
 - Ref #37: Journal and DOI mismatch (Cell Reports vs. eNeuro DOI)

- Correct journal title: Cell Reports
<https://doi.org/10.1016/j.celrep.2021.109638>
- Ref #48: Title “Rregulates” → “Regulates”
→ Corrected to “Regulates.”
- Ref #51: Journal title “Biolo Pharma Bull.” → “Biol Pharm Bull.”
→ Corrected to “Biol Pharm Bull.”
- 5. Abbreviation table
 - “PC-3: Protects prostate cancer-3” → “PC-3: prostate cancer cell line”
→ Since PC-3 is the proper name of a cell line, it will be deleted from the list of abbreviations.
→ In addition, the relevant text in Discussion, Ref #55, will be corrected as follows:
“protects prostate cancer-3 (PC-3) cells from apoptosis(55).”
→ Corrected to: “protects human prostate cancer cell line PC-3 from apoptosis(55).”
The original article has been corrected.

The original article can be found online at <https://doi.org/10.1186/s44424-025-00017-z>.

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