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Author Correction: Hyperglycemia and advanced glycation end products disrupt BBB and promote occludin and claudin-5 protein secretion on extracellular microvesicles

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This Article contains an error in the Discussion section.

“Additionally, presence of the TJ proteins on the EVs might serve as a potential biomarker of BBB damage. Further studies are required to see whether TJ presence on EVs would correlate with dementia progression.”

should read:

“Additionally, presence of the TJ proteins on the EVs might serve as a potential biomarker of BBB damage. Presence of TJ protein, claudin-5, on EVs has been previously described in mice during neuroinflammation after traumatic brain injury (TBI) and in experimental autoimmune encephalomyelitis (EAE) model^{1,2}. Further studies are required to see whether TJ presence on EVs would correlate with dementia progression.”

The omitted references are provided below.

References

1. Andrews, A. M., Lutton, E. M., Merkel, S. F., Razmpour, R. & Ramirez, S. H. Mechanical injury induces brain endothelial-derived-microvesicle release: implications for cerebral vascular injury during traumatic brain injury. *Front. Cell Neurosci.* **10**, 43, <https://doi.org/10.3389/fncel.2016.00043> (2016).
2. Paul, D. *et al.* Appearance of claudin-5(+) leukocytes in the central nervous system during neuroinflammation: a novel role for endothelial-derived extracellular vesicles. *J Neuroinflamm.* **13**, 292, <https://doi.org/10.1186/s12974-016-0755-8>.

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