



OPEN

Author Correction: Therapeutic efficacy of repetitive transcranial magnetic stimulation in an animal model of Alzheimer's disease

Jin Seung Choung, Jong Moon Kim, Myoung-Hwan Ko, Dong Sik Cho & MinYoung Kim

Correction to: *Scientific Reports* <https://doi.org/10.1038/s41598-020-80147-x>, published online 11 January 2021

This Article contains an error in Figure 4, where one of the labels is misspelled in panels (b) and (d).

'Neun'

should read:

'NeuN'

The correct Figure 4 appears below as Figure 1.

Published online: 26 March 2021

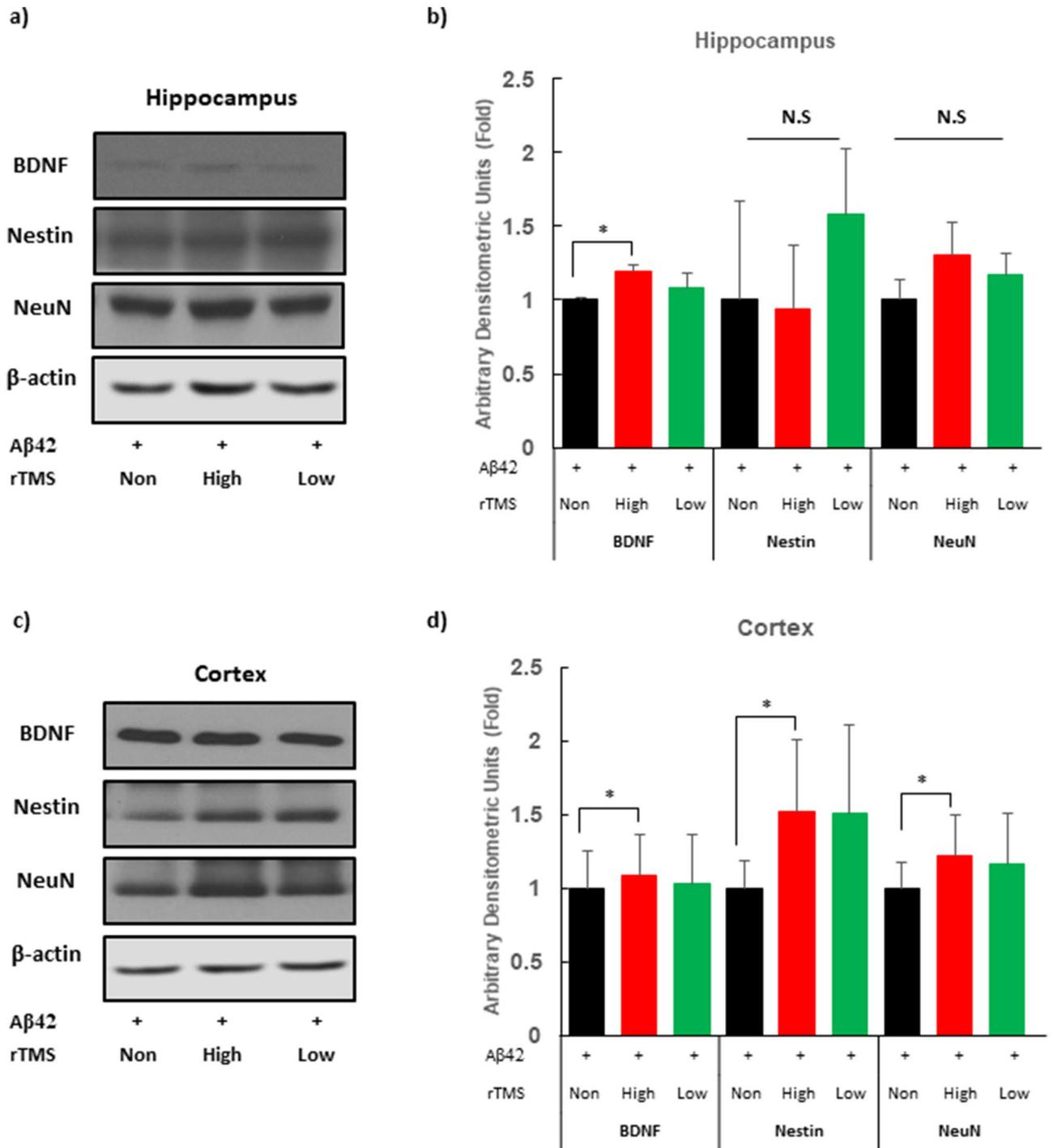


Figure 1. A correct version of the original Figure 4. rTMS upregulates neurogenic expressions in AD mouse model. (a) Protein expression of hippocampal BDNF, Nestin and NeuN protein was measured by western blot. (b) Histograms show densitometry analysis of the western blot in hippocampus. (c) Protein expression of cortex BDNF, Nestin and NeuN protein was determined by the western blot. (d) Histograms show densitometry analysis of the western blot in cerebral cortex. Protein level of actin was analysed as a loading control. Mean data normalised to β -actin are in bar graphs compared with control. Each group n = 4, mean \pm SEM. * $P_s < 0.05$. + A β 42 oligomer injected via ICV, rTMS repetitive transcranial magnetic stimulation, AD Alzheimer's Disease, BDNF brain-derived neurotrophic factor, A β 42 amyloid beta 42 oligomer, None none treatment, High high frequency rTMS treated, Low low frequency rTMS treated, N.S. not significant.



Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit <http://creativecommons.org/licenses/by/4.0/>.

© The Author(s) 2021