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Corrigendum: Intracerebroventricularly Injected Streptozotocin Exerts Subtle Effects on the Cognitive Performance of Long-Evans Rats

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A Corrigendum on
Intracerebroventricularly injected streptozotocin exerts subtle effects on the cognitive performance of long-evans rats

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In the published article, there was an error in Figure 8 as published. The results of a mistaken measurement were shown in Figures 8A, B. Consequently, the numerical values of the *t*-test comparing the phospho-tau/total tau ratios in the control and STZ treated groups in EXP1 and EXP2 are inadequate. The corrected Figure 8 and its corrected caption appear below:

Furthermore, the name and catalogue number of the phospho-tau antibody in the Western Blot section was erroneous. As such, a correction has been made to "Methods and materials, Western Blot." The sentence previously stated:

"Membranes were incubated with primary antibodies against PHF1 (sc515013, 1: 1,000, Santa Cruz Biotechnology, Santa Cruz, CA, United States)..."

The corrected sentence appears below:

"Membranes were incubated with primary antibodies against PHF-13 (sc32275, 1: 1,000, Santa Cruz Biotechnology, Santa Cruz, CA, United States)..."

The numerical values of the multivariate analysis of variance results were also inadequate. Therefore, a correction has been made to "Results, Multivariate analysis of variance." The sentence previously stated:

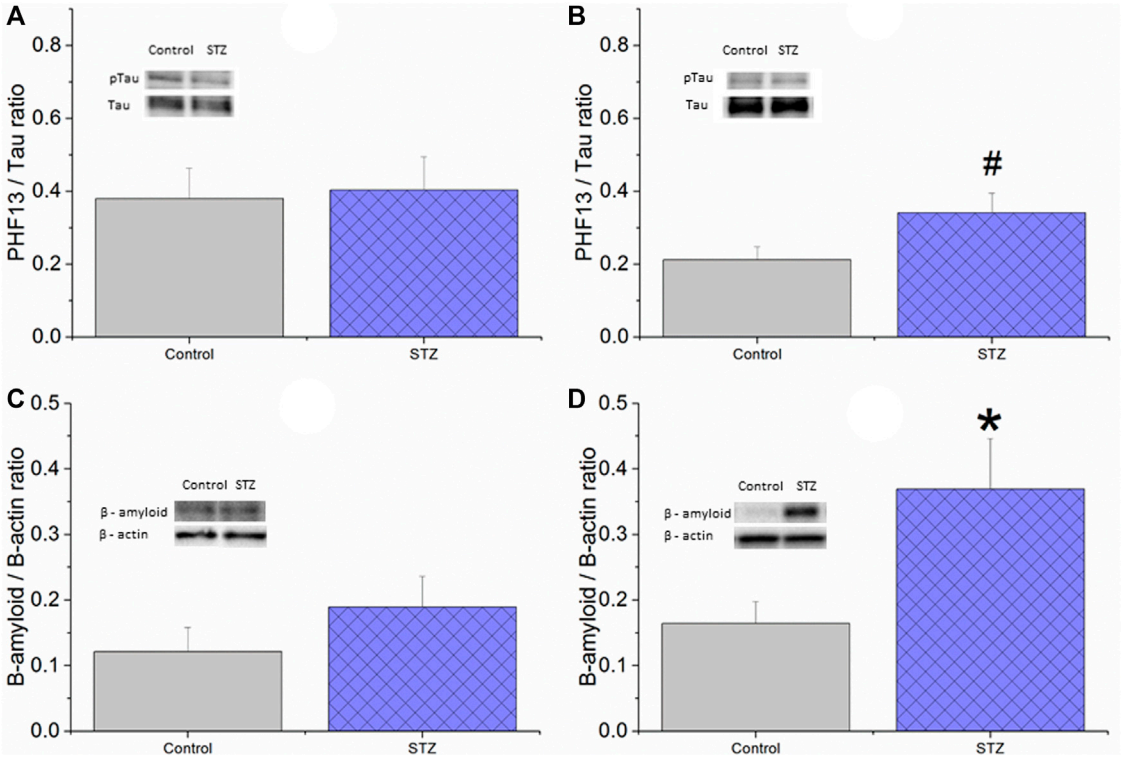

FIGURE 8
The effect of icv. STZ or citrate buffer (control) treatment on the tissue protein levels of phospho-Tau **(A,B)** and β-amyloid **(C,D)** in EXP1 **(A,C)** and EXP2 **(B,D)** measured by Western blot. Means ± SEM values are shown. There was no significant difference between the groups in phospho-tau/tau ratio in EXP1 (unpaired *t*-test: t (14) = −0.19, ns) **(A)** whereas a trend for an increase in the STZ group can be seen in EXP2 (unpaired *t*-test: t (22) = −2.012, $p = 0.06$) **(B)** Also, there was no significant difference in β-amyloid level in EXP1 (unpaired *t*-test: t (13) = −1.13, ns) **(C)** while significantly elevated β-amyloid level was found in the STZ-treated group in EXP2 (unpaired *t*-test: t (20) = −2.45, $p < 0.05$ **(D)** *<0.05, #<0.10.

"The difference between the control and STZ groups was significant in EXP2 (Wilks λ = 0.391, F(4,13) = 5.054; $p = 0.011$) whereas it was not significant in EXP1 (Wilks λ = 0.750, F(4,7) = 0.583; $p = 0.685298344$)."

The corrected sentence appears below:

"The difference between the control and STZ groups was significant in EXP2 (Wilks λ = 0.397, F(4,13) = 4,931; $p = 0.012$) whereas it was not significant in EXP1 (Wilks λ = 0.583, F(4,6) = 1.072; $p = 0.446$)."

The authors apologize for these errors and state that this does not change the scientific conclusions of the article in any way. The original article has been updated. This is a provisional file, not the final typeset article

Publisher's note