CORRECTION



Correction to: Resveratrol Mitigates Cerebral Ischemic Injury by Altering Levels of Trace Elements, Toxic Metal, Lipid Peroxidation, and Antioxidant Activity

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Correction to: Biological Trace Element Research https://doi.org/10.1007/s12011-020-02497-x

The published version of this article unfortunately contained mistakes.

In the Results section under the header Lipid Peroxidation Levels in the Brain Cortex, the paragraph "MDA is the endproduct of lipid peroxidation and is commonly used to assess oxidative stress. The MDA level in the control, ligation, resveratrol, and prevention groups is 13.85 ± 0.38 , 15.70 ± 0.42 , 10.75 ± 1.21 , and $13.48 \pm 0.47 \mu$ mol/g protein, respectively (Fig. 1). The MDA level in the prevention group was significantly lower than that of the ligation group (P < 0.01)." should be chnaged to "MDA is the end-product of lipid peroxidation and is commonly used to assess oxidative stress. The MDA level in the control, ligation, resveratrol, and prevention groups is 16.75 ± 0.31 , 18.99 ± 0.44 , 13.01 ± 1.12 , and $16.31 \pm 0.43 \mu$ mol/g protein, respectively (Fig. 1). The MDA level in the prevention group was significantly lower than that of the ligation group (P < 0.01)."

Still in the Results section under the header Antioxidant Activity in Brain Cortex Homogenates, the first two

The original article can be found online at https://doi.org/10.1007/s12011-020-02497-x.

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sentences which reads "The SOD activity in the control, ligation, resveratrol, and pre-vention group was 0.94 ± 0.02 , 0.62 ± 0.04 , 1.12 ± 0.02 , and 1.23 ± 0.02 U/mg protein, respectively. SOD activity is significantly higher in the prevention group than in the ligation group (P < 0.01)(Fig. 6). Catalase (CAT) activity in the control, ligation, resveratrol, and prevention group was 8.71 ± 0.31 , 5.59 ± 0.24 , 10.18 ± 0.43 , and 7.10 ± 0.24 µmol/mg protein, respectively. As listed in Fig. 7, the CAT activity is significantly higher in the prevention group than in the ligation group (P < 0.01)." should be changed to "The SOD activity in the control, ligation, resveratrol, and prevention group was 1.13 ± 0.02 , 0.75 ± 0.06 , 1.35 ± 0.01 , and 1.47 ± 0.02 U/mg protein, respectively. SOD activity is significantly higher in the prevention group than in the ligation group (P < 0.01) (Fig. 6). Catalase (CAT) activity in the control, ligation, resveratrol, and prevention group was 10.53 ± 0.24 , 6.77 ± 0.44 , 12.32 ± 0.37 , and 8.57 ± 0.33 µmol/ mg protein, respectively. As listed in Fig. 7, the CAT activity is significantly higher in the prevention group than in the ligation group (P < 0.01)."

Fig. 1 was changed from

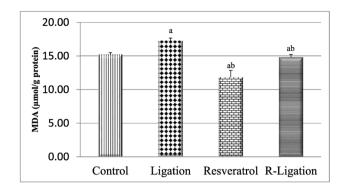


Fig. 1 Malondialdehyde (MDA) level in brain cortex homogenates. Data are expressed as the mean \pm SD and were analyzed using the Kruskal-Wallis oneway analysis of variance (ANOVA) followed by Fisher's least significant difference test. Statistical differences were considered significant at P < 0.05. **a** P < 0.05 vs. control group. **b** P < 0.05vs. ligation group

to

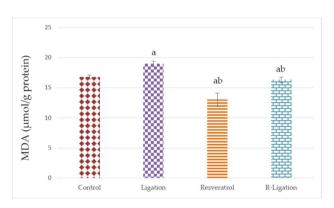


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Fig. 6 was changed from

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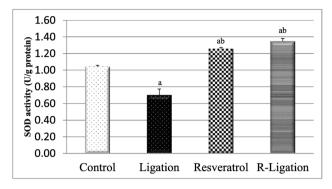


Fig. 6 Superoxide dismutase (SOD) activity in brain cortex homogenates. Data are expressed as the mean \pm SD and were analyzed using the Kruskal-Wallis ANOVA followed by Fisher's least significant difference test. Statistical differences were considered significant at P < 0.05. **a** P < 0.05 vs. control group. **b** P < 0.05 vs. ligation subject

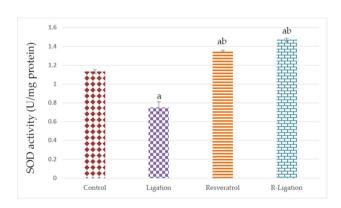


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Fig. 7 was changed from

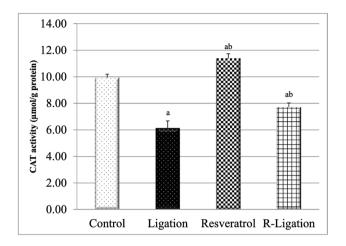


Fig. 7 Catalase (CAT) activity in brain cortex homogenates. Data are expressed as the mean \pm SD and were analyzed using the Kruskal-Wallis ANOVA followed by Fisher's least significant difference test. Statistical differences were considered significant at *P* <0.05. **a** P <0.05 vs. control group. **b** *P* < 0.05 vs. ligation subject

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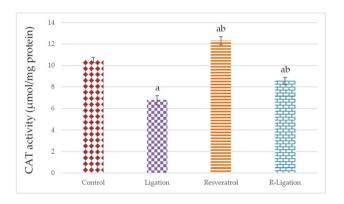


Fig. 7 Catalase (CAT) activity in brain cortex homogenates. Data are expressed as the mean \pm SD and were analyzed using the Kruskal-Wallis ANOVA followed by Fisher's least significant difference test. Statistical differences were considered significant at *P* <0.05. **a** *P* <0.05 vs. control group. **b** *P* < 0.05 vs. ligation subject

The original article has been corrected.

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