

Ursolic Acid Reduces the Metalloprotease/Anti-Metalloprotease Imbalance in Cerebral Ischemia and Reperfusion Injury [Corrigendum]

Wang Y, He Z, Deng S. *Drug Des Devel Ther.* 2016;10:1663–1674.

The authors apologize for this error and advise it does not affect the results of the paper.

The authors have advised due to an error at the time of figure assembly, Figure 4A on page 1670 is incorrect. The correct Figure 4 is shown below.

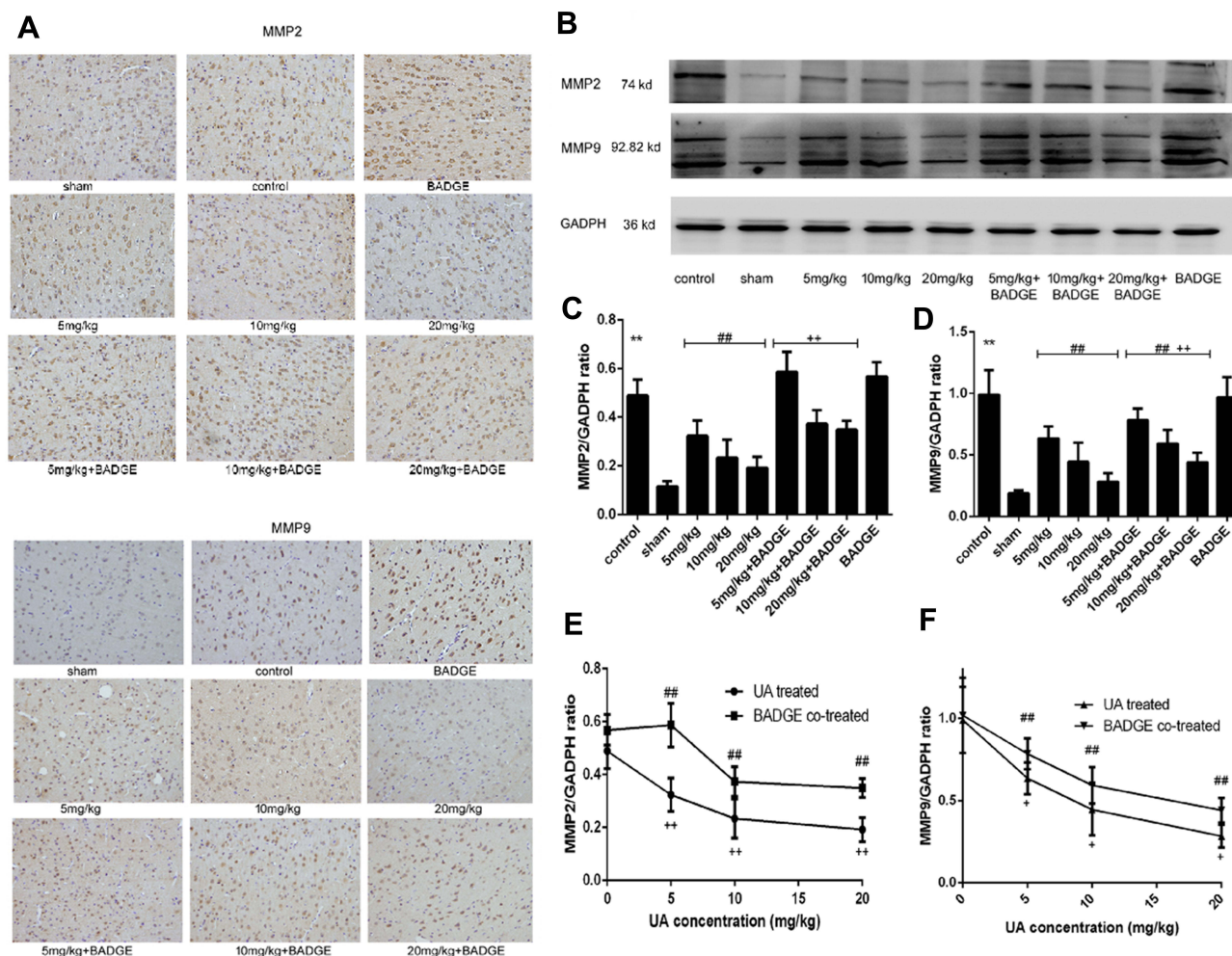


Figure 4 Effects of UA on MMP2 and MMP9.

Notes: Cerebral ischemia and reperfusion increased the protein levels of MMP2 and MMP9 (** $P < 0.01$). UA treatment (5, 10, or 20 mg/kg) decreased the protein levels of MMP2 and MMP9 and the activity level of MMP9 in a dose-dependent manner (*** $P < 0.01$). BADGE completely abolished the UA-induced reduction in the MMP2 protein level (** $P < 0.01$) and partly abolished the reduction in the MMP9 level (*** $P < 0.01$). (A) The protein expression of MMP2 and MMP9 was confirmed via immunochemical staining. (B) The protein expression of MMP2 and MMP9 was measured by Western blotting 400 \times magnification. We distinguished the active form of MMP9 from its inactive form. (C and D) The target protein bands were analyzed via densitometry and normalized to the GA DPH levels. (E and F) The MMP/GADPH band intensity ratio decreased with increasing UA concentrations, and this effect on MMPs significantly differed between the UA-treated groups. Mean values \pm standard error of the mean for six rats per group (** $P < 0.01$: versus sham; *** $P < 0.01$: versus control; ** $P < 0.01$: versus UA-treated; * $P < 0.05$: versus UA-treated).

Abbreviations: UA, ursolic acid; BADGE, bisphenol A diglycidyl ether.

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