

CORRIGENDUM

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Antioxidant effects of hydroxysafflor yellow A and acetyl-11-keto- β -boswellic acid in combination on isoproterenol-induced myocardial injury in rats

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Subsequently to the publication of the above article, an interested reader drew to the authors' attention that the OGD + HYS A and OGD + HYS A + AKBA plots in Fig. 5B on p. 1507 appeared to share a similar patterning with respect to many of the data points.

The authors have re-examined their original data and realize that they made inadvertent errors during the assembly of this figure. The FCS files were read and analyzed by FlowJo cell analysis software. The authors have carefully examined the raw data (fcs files), and have identified the errors that occurred when applying the setting to all files and saving the resulting fluorescence data to dot-plot graphs.

The corrected version of Fig. 5, showing the correct flow cytometric analysis data in Fig. 5B and a re-evaluation of the quantification of the data in the associated bar chart, is shown on the next page. Note that the errors made during the assembly of this figure did not affect the major conclusions reported in the paper. All the authors have agreed to this Corrigendum, and thank the Editor of *International Journal of Molecular Medicine* for allowing them the opportunity to publish this. The authors regret these errors went unnoticed prior to the publication of the paper, and apologize to the readership for any confusion that this may have caused.



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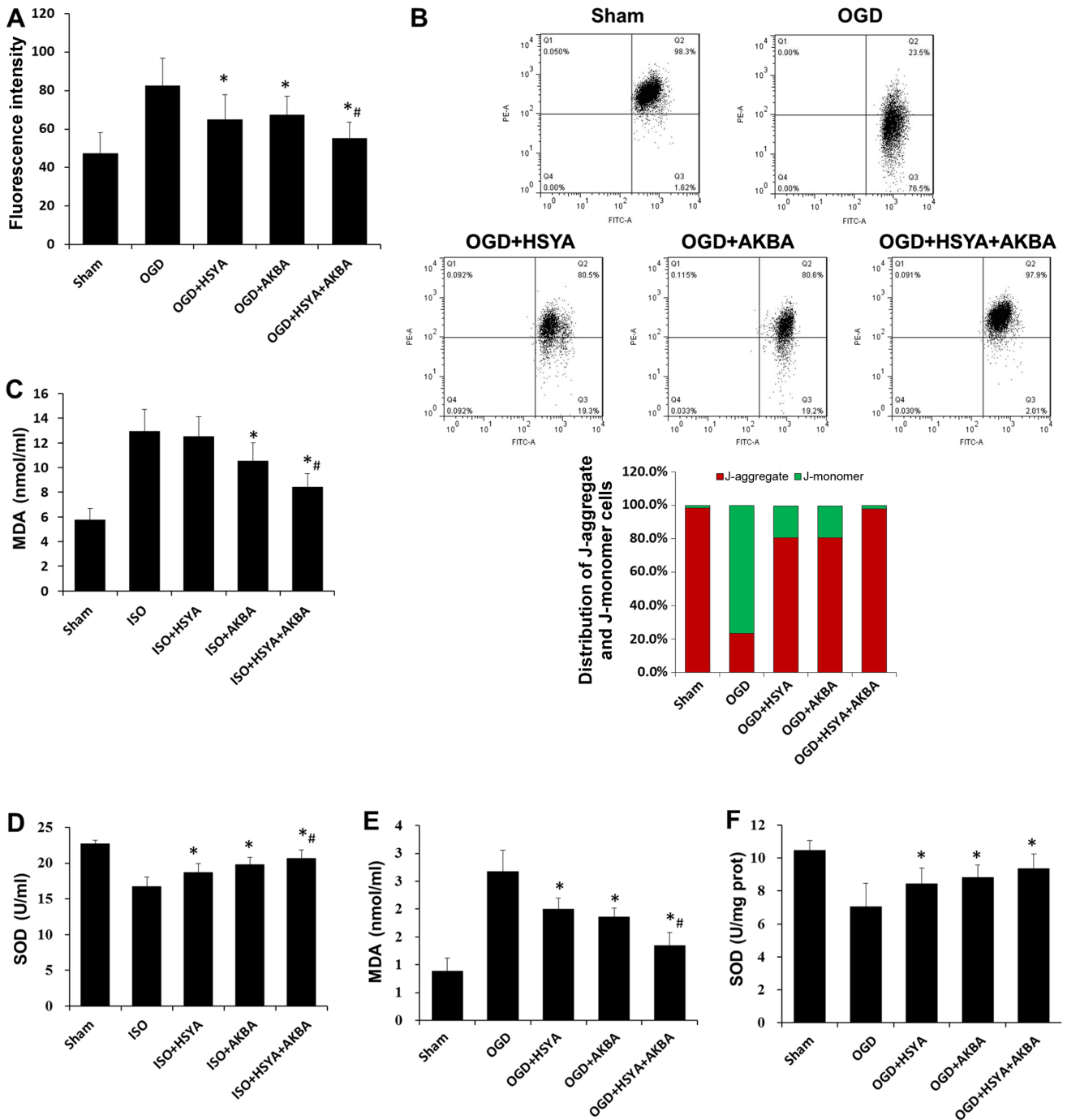


Figure 5. Hydroxysafflor yellow A (HSYA) and acetyl-11-keto- β -boswellic acid (AKBA) attenuate oxidative stress. (A) H9C2 cells were treated with HSYA (10 μ M) and AKBA (10 μ M) for 24 h prior to oxygen-glucose deprivation (OGD) for 4 h, followed by incubation under normal conditions. Data are presented as the means \pm SD of five independent experiments. (B) The cells were incubated with JC-1 (10 ng/ml) for 30 min, and mitochondrial membrane potential ($\Delta\Psi_m$ or MMP) was analyzed by flow cytometry. The bar diagram shows the percentage of red fluorescence to green fluorescence. (C and D) The rats were treated with either HSYA (100 mg/kg) or AKBA (100 mg/kg) alone, or a combination of HSYA (50 mg/kg) and AKBA (50 mg/kg) for 14 days prior to the administration of isoproterenol hydrochloride (ISO; 100 mg/kg) for 2 days, to induce myocardial injury. Determination of (C) malondialdehyde (MDA) levels and (D) superoxide dismutase (SOD) activity in the rat myocardium. Determination of (E) MDA levels and (F) SOD activity under OGD conditions. * $P < 0.05$ vs. ISO or OGD group; # $P < 0.05$ vs. HSYA or AKBA group.