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Erratum

In the original article by Tu, et al., entitled "Sestrin-Mediated Inhibition of Stress-Induced Intervertebral Disc Degradation Through the Enhancement of Autophagy" [Cell Physiol Biochem 2018;45(5):1940-1954, DOI: 10.1159/000487970], the authors realized there are mistakes that happened during figure preparation. In Fig. 6F, the blot of Bcl-2 is a misplaced picture of the Bcl-2 in Fig. 6E. In Fig. 8A and C, the blot of Collagen 2 is a misplaced picture of the blot of the above Aggrecan. The correct Fig. 6 and 8 are displayed below.

The authors confirm that all of the results and conclusions of the article remain unchanged, as well as the figure legends.

The authors sincerely apologize for this mistake.

Fig. 6. Role of Sesn2 in 2-DG-induced apoptosis inhuman culture cells. (A-H) Cells treated with or without 2-DG (10 mM, 20 mM, and 40 mM) and combined with overexpression or knockdown of Sesn2 were subjected to western blot analysis to analyse the expression of cleaved caspase 3, cleaved caspase9, and Bcl- 2. NAPDH expression was also analysed as an endogenous control. **Ouantitative** analysis of the western blot data showing the relative protein expression levels. (I-J) Apoptosis analyzed by flow cytometry with Annexin V-PI double staining. The data are presented as the mean ± SD from three independent replicate experiments. *P<0.05 vs. control.





Fig. 8. Role of Sesn in 2-DG-induced ECM degradation in human culture NP cells. Cells were treated with or without 2-DG (10 mM, 20 mM, and 40 mM) and combined with overexpression or knockdown of Sesn2. SMMP-3, MMP-13, aggrecan, and COL2 proteins were detected by western blot analysis. GAPDH expression was detected as an endogenous control; Data are presented as the mean ± SD of three



independent experiments. Data are presented as the mean ± SD. *P<0.05 vs. Vector, or si Scr group.