Correction to: Galangin inhibits hypertrophic scar formation via ALK5/Smad2/3 signaling pathway

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In the original article, Figs. 3b, 4a, c and 5d were published incorrectly. The correct version of the Figs. (3b, 4a, c and 5d) are provided in this correction.

Fig. 3 Galangin inhibited HSFs activation and contractile ability. **a**, **b** The levels of α-SMA mRNA and protein were measured after incubation with galangin (5–25 μM) or DMSO for 3 days and **c** images and quantification of collagen gel contraction assay captured at time 3 days after galangin treatment. *Dash lines* indicate the areas of collagen gel. Data were presented as the mean ± SD, * $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$

The original article can be found online at <https://doi.org/10.1007/s11010-015-2644-3>.

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Fig. 4 Galangin reduced Smad2/3 phosphorylation by selective targeting ALK5. **a** Levels of phosphorylated and total Smad2 and Smad3 and total Smad4 were examined by Western blot after HSFs were incubated with 5 to 25 μ M galangin or DMSO for 12 h. **b** Levels of phosphorylated and total Smad2 and Smad3, total Smad4, Smad6, and Smad7 were examined by Western blot after HSFs were incubated with 5–25 μ M galangin or DMSO for 12 h. **c** Western blot analysis of TGF- β 1, TGF β RI and TGF β RII in HSFs treated with

galangin at different concentrations. **d** immunofluorescence images in which nuclei are labeled as blue and Smad2/3 as green. Scale bars = 50 μ m and **e, f** effects of galangin on phosphorylation of Smad2 and Smad3 and protein expression of collagen type-I/III and α -SMA in ALK5 siRNA-transfected HSFs and EF-ALK5-transfected HSFs. Data were presented as the mean $\pm$ SD, NS not significant; ** p < 0.01; *** p < 0.001

Fig. 5 Galangin attenuated hypertrophic scar formation in a mechanicalload-induced mouse model. **a** Images of scars 14-day postincision and gross area quantification at all examined time points. Scale bars = 3 mm, **b** images of H&E stained sections and crosssection size quantification. The dashed lines outline the scar. Scale bars = 200 μ m, **c** images of Masson Trichrome-stained sections and SEI quan-

tification. “D” represents the thickness of scar while “d” represents the thickness of adjacent normal skin. SEI is defined by the D/d ratio. Scale bars = 100 μ m. **d** Picrosirius red staining under polarized light and quantification of collagen density. Scale bars = 20 μ m. **e, f** immunohistochemistry staining of PCNA and α -SMA. Scale bars = 20 μ m. Data were presented as the mean $\pm$ SD, n = 6/6, *** p < 0.001

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