Correction

Correction for: Ganglioside GD1a enhances osteogenesis by activating ERK1/2 in mesenchymal stem cells of *Lmna* mutant mice

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This article has been corrected: The authors found that Western blot images of p-ERK1/2 and ERK1/2 **in Figure 4F** were from different experiment with protein extracts from *Lmna*$^{Dhe/+}$mice. They replaced the incorrect images with the images of p-ERK1/2 and ERK1/2 in MSC protein extracts from normal and Lamin A/C knockdown (KD) mice. In **Figure 4H**, the authors corrected a typo where "p-ERK1/2" was mislabeled "p-REK1/2". The authors also revised the Figure legend for **Figure 4F** and **4G** as follows: "(**F**) Lamin A/C was knocked down in mouse MSCs using siRNA. (**G**) Primary MSCs with *Lmna*$^{Dhe/+}$ mutation were isolated from *Lmna*$^{Dhe/+}$ mice." These corrections have no impact on the experimental outcome or conclusions.

Corrected **Figure 4** legend and panels **4F** and **4G** presented below.

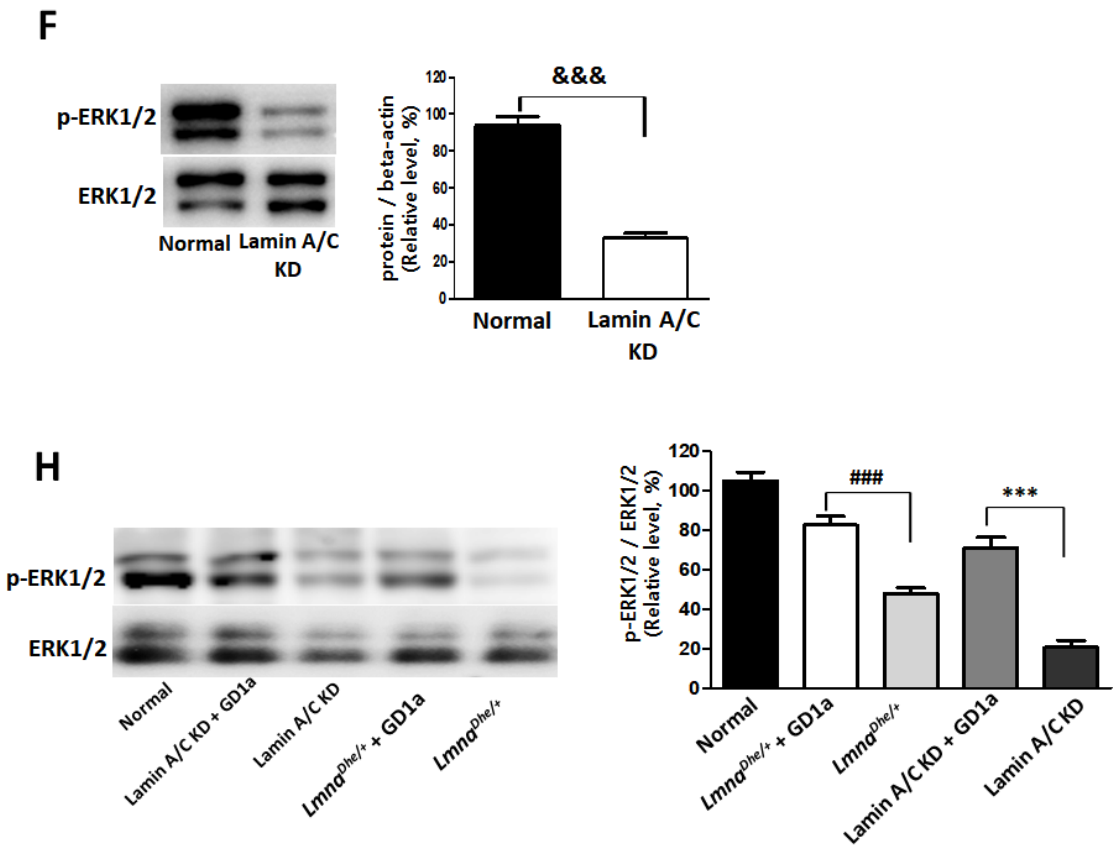

Figure 4. Increases of osteogenesis and ERK1/2 activation in GD1a-treated *Lmna* dysfunction MSCs. … dysfunction MSCs. (**F**) Lamin A/C was knocked down in mouse MSCs using siRNA. (**G**) Primary MSCs with $Lmna^{Dhe/+}$ mutation were isolated from $Lmna^{Dhe/+}$ mice. (**H**) Phosphorylation of ERK1/2 in *Lmna* dysfunction MSCs treated with GD1a. (**I**)…. Phosphorylation of ERK1/2 was determined by western blotting with anti-p-ERK1/2. ERK1/2 was used as a loading control. Values represent mean ± SD; $^{\&\&\&}p < 0.001$ indicates a significant difference from the normal MSCs; $^{***}p < 0.001$ indicates a significant difference from the $Lmna^{Dhe/+}$ mutant MSCs; $^{\#\#\#}p < 0.001$ indicates a significant difference from the Lamin A/C KD MSCs. $^{\$\$\$}p < 0.001$ indicates a significant difference from the U0126-treated MSCs.