

Erratum

In the original article by Jiang, et al., entitled „Andrographolide Exerts Pro-Osteogenic Effect by Activation of Wnt/ β -Catenin Signaling Pathway *in Vitro*“ [Cell Physiol Biochem 2015;36(6):2327-2339, DOI: 10.1159/000430196], the method of Alkaline phosphatase (ALP) activity and some images in Fig. 3-5 were incorrect.

The correct method of Alkaline phosphatase (ALP) activity is shown below as well as the correct Fig. 3, 4 and 5.

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.

Alkaline phosphatase (ALP) activity

Alkaline phosphatase (ALP) activity assay was carried out by using ALP detection reagent kit (Nanjing Jiancheng Bioengineering Research Institute, China) following the manufacturer's instructions. After centrifuged at 2500 rpm for 10min, the supernatant of the medium was harvested for subsequent assay. After adding buffer solution, matrix solution, water bathing and developing, the optical density (OD) value was detected at 520 nm with a microplate reader (Thermo Fisher Scientific, UK). Subsequently, the activity value was calculated with computational formula. Each sample was analyzed in triplicate to reduce randomization error.

Fig. 3. Cell viability was determined by FDA/PI staining of osteoblasts at various concentrations (0 μ M, 4.46 μ M, 8.92 μ M, and 17.84 μ M) of AP. (A-D, E-H, I-L, M-P) Staining of osteoblasts at various concentrations (0 μ M, 4.46 μ M, 8.92 μ M, and 17.84 μ M) of AP on day 3,5,7,9, respectively. The scale bar is 1000 μ m.

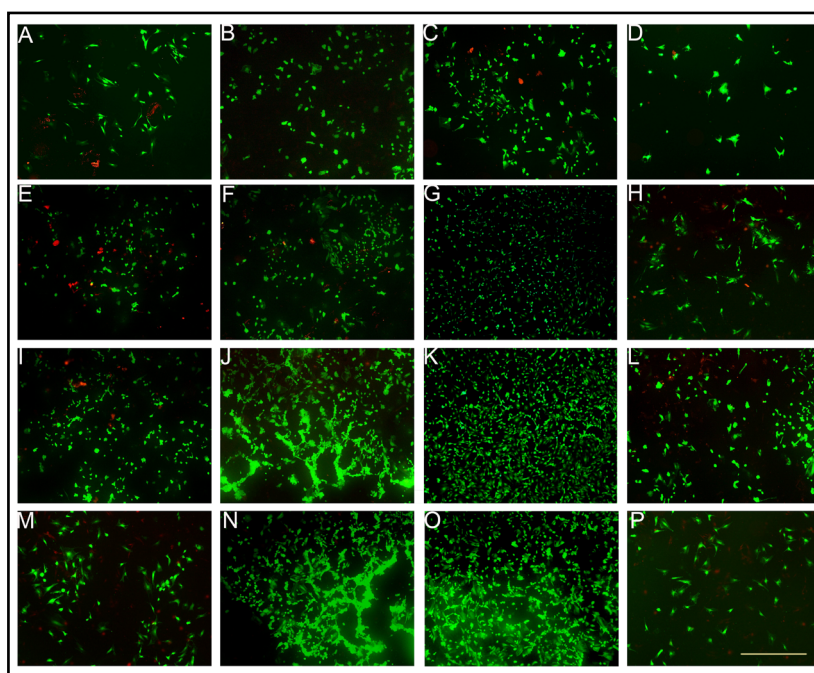


Fig. 4. HE staining of osteoblasts cultured with various concentrations of AP over time. (A-D, E-H, I-L, M-P) Staining of osteoblasts at various concentrations (0 μ M, 4.46 μ M, 8.92 μ M, and 17.84 μ M) of AP on day 3,5,7,9, respectively. The scale bar is 1000 μ m.

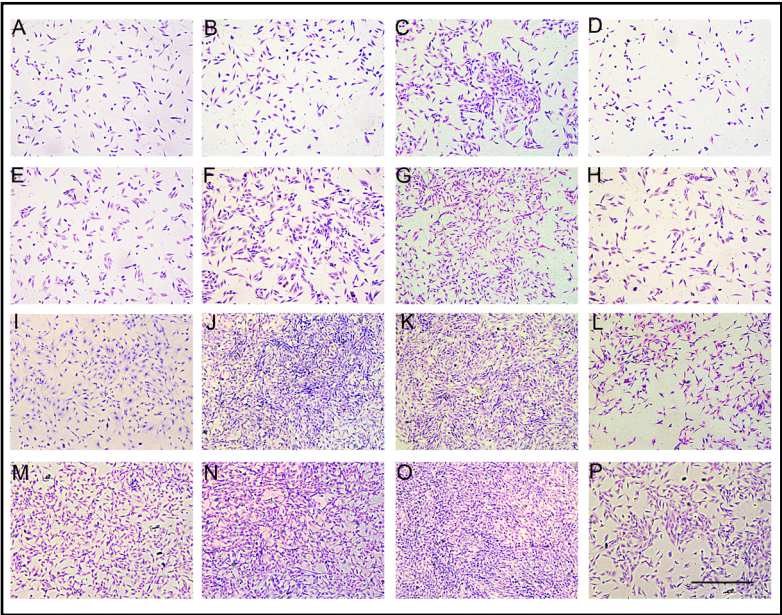


Fig. 5. (A-D, E-H, I-L, M-P) OCN staining of osteoblasts at various concentrations ((0 μ M, 4.46 μ M, 8.92 μ M, and 17.84 μ M) of AP on day 3,5,7,9, respectively. Negative control staining was presented in Fig. Q, the positive rate was showed in Fig.R. The scale bar is 1000 μ m.

