



CORRIGENDUM

Combined Molybdenum Gelatine Methacrylate Injectable Nano-Hydrogel Effective Against Diabetic Bone Regeneration [Corrigendum]

Liao X, Shen M, Li T, et al. *Int J Nanomedicine*. 2023;18:5925–5942.

The authors wish to advise, following publication of the article they identified errors were made during the collection and organization of data for Figures 3 and 4 on pages 5934 and 5935, respectively.

The correct Figures 3 and 4 are as follows.



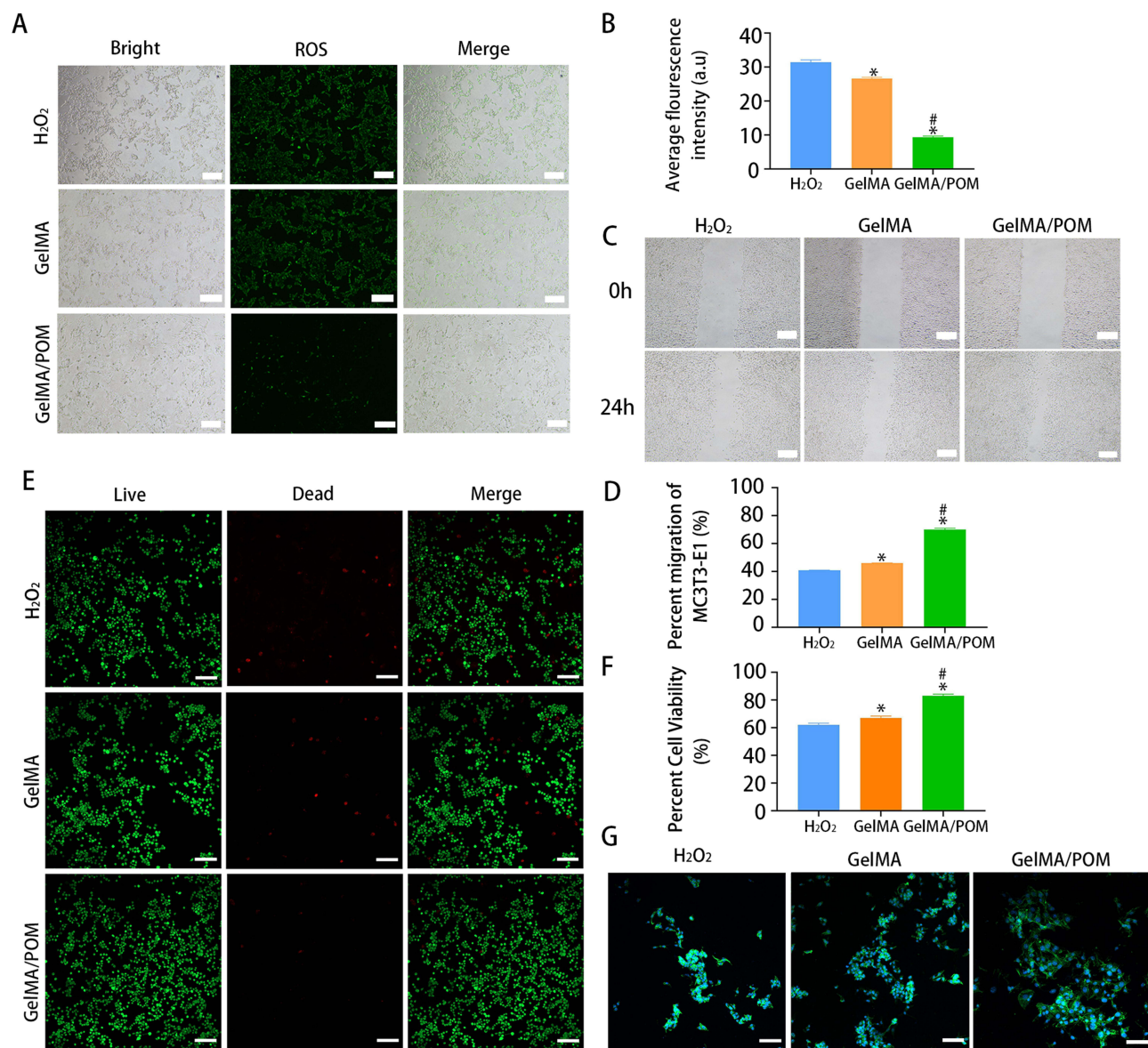


Figure 3 Antioxidant properties of POM or hydrogel. **(A)** DCFH-DA assay showing intracellular ROS of MC3T3-E1 after incubation with POM in the presence of H₂O₂ (100 μM). **(B)** Quantification analysis of DCFH-DA staining (*And #Indicate p < 0.05 in comparison with the H₂O₂ group and GelMA group, respectively.) **(C)** Cell capacity of migration (scratch test). **(D)** Quantitative analysis of percent migration in scratch assay. (*And #Indicate p < 0.05 in comparison with the H₂O₂ group and GelMA group, respectively.) **(E)** Live/dead staining showing MC3T3-E1 cell viability after culturing on hydrogel in the presence of H₂O₂. **(F)** Quantification analysis of live cells. (*And #Indicate p < 0.05 in comparison with the H₂O₂ group and GelMA group, respectively.) **(G)** LSCM images showing MC3T3-E1 cultured on different hydrogels following H₂O₂ treatment. (n = 3, each group). (H₂O₂, cells cultured on the tissue culture plate with H₂O₂). Scale bar: 200 μm **(A)**, 200 μm **(C)**, 100 μm **(E)** and 100 μm **(G)**.

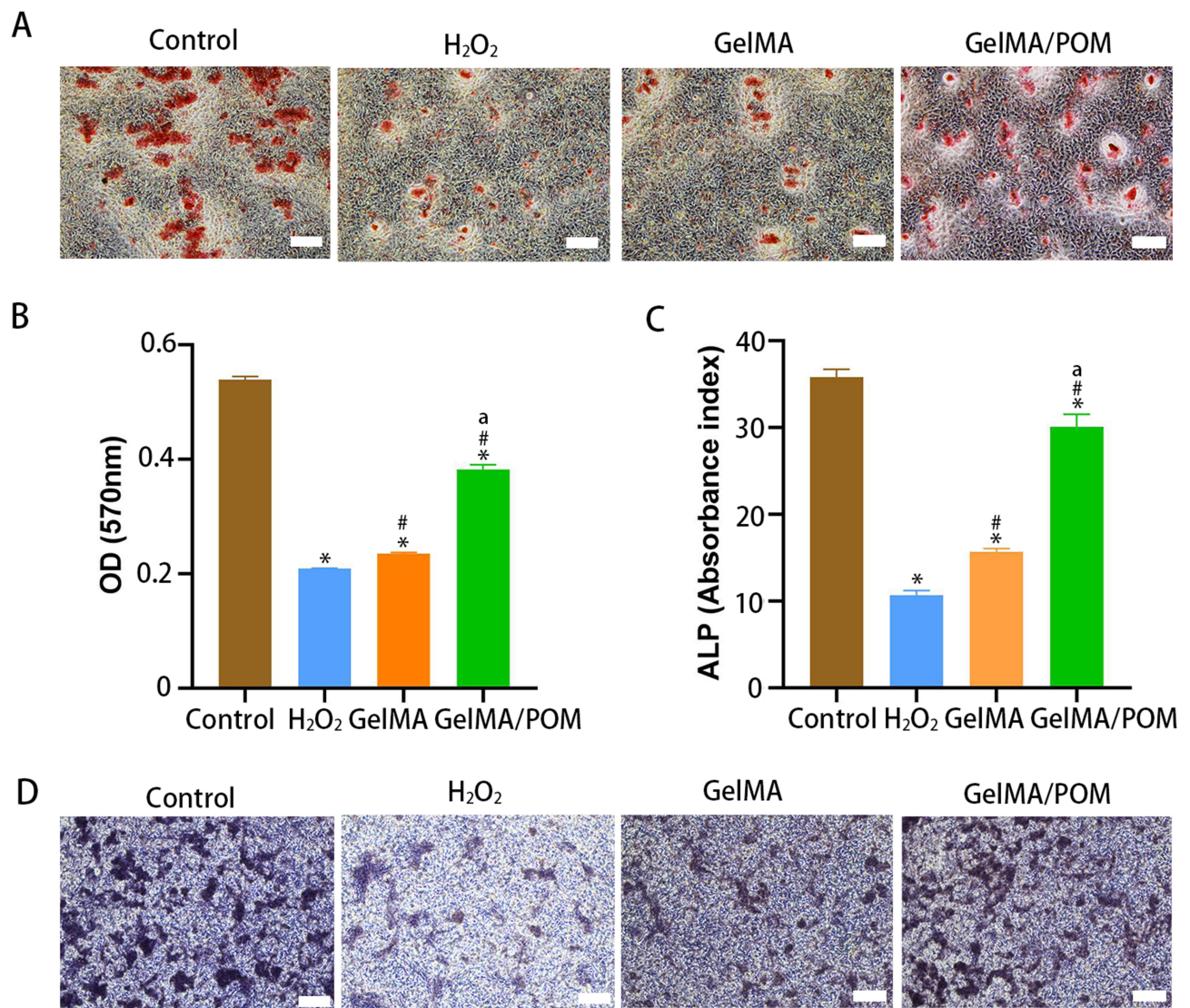


Figure 4 The osteogenesis properties of GelMA/POM hydrogel in vitro. In vitro assay of effects of hydrogel on ALP activity and extracellular calcium nodule production during osteogenesis differentiation of MC3T3-E1. **(A)** Alizarin red S staining. **(B)** Quantitative analysis of mineralized nodules. **(C)** Alkaline phosphatase activity. **(D)** Alkaline phosphatase staining. (*, # And ^a indicate $p < 0.05$ in comparison with the Control group, H₂O₂ group and GelMA group, respectively). (Control, cells cultured without H₂O₂). (n = 3, each group). Scale bar: 200 μ m **(A)** and 200 μ m **(D)**.

The authors advise these corrections do not significantly impact the overall findings and conclusions of the article or alter the interpretations or validity of the research.

The authors apologize for any confusion these errors may have caused and appreciate the opportunity to rectify them.

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