

**CORRIGENDUM**

DOI: 10.3892/ijmm.2022.5146

**Nano-hydroxyapatite/collagen film as a favorable substrate to maintain the phenotype and promote the growth of chondrocytes cultured *in vitro***

XIANFANG JIANG, YANPING ZHONG, LI ZHENG and JINMIN ZHAO

Int J Mol Med 41: 2150-2158, 2018; DOI: 10.3892/ijmm.2018.3431

Subsequently to the publication of the above article, and a corrigendum that has already been published with the intention of showing corrected versions of Figs. 3, 5 and 6 (DOI: 10.3892/ijmm.2020.4743; published online on September 30, 2020), the authors regret that the corrigendum failed to address the issue of one remaining pair of panels in Fig. 3A that contained overlapping data in the original paper (specifically, the 'nHC/6 days' and 'TGF $\beta$ /4 days' data panels).

The further corrected version of Fig. 3 is shown on the next page. The authors deeply regret that this error was not corrected in the previous corrigendum, but now consider that the errors made in the assembly of Fig. 3, and the other figures, have conclusively been attended to. These errors did not affect the major conclusions reported in the paper. All the authors agree to the publication of this Corrigendum, and thank the Editor of *International Journal of Molecular Medicine* for allowing them the opportunity to publish this further corrigendum relating to the above paper. The authors regret this outstanding error went unnoticed during the compilation of the previous corrigendum, and apologize to the readership for any confusion that it may have caused.



This work is licensed under a Creative Commons Attribution 4.0 International (CC BY 4.0) License.

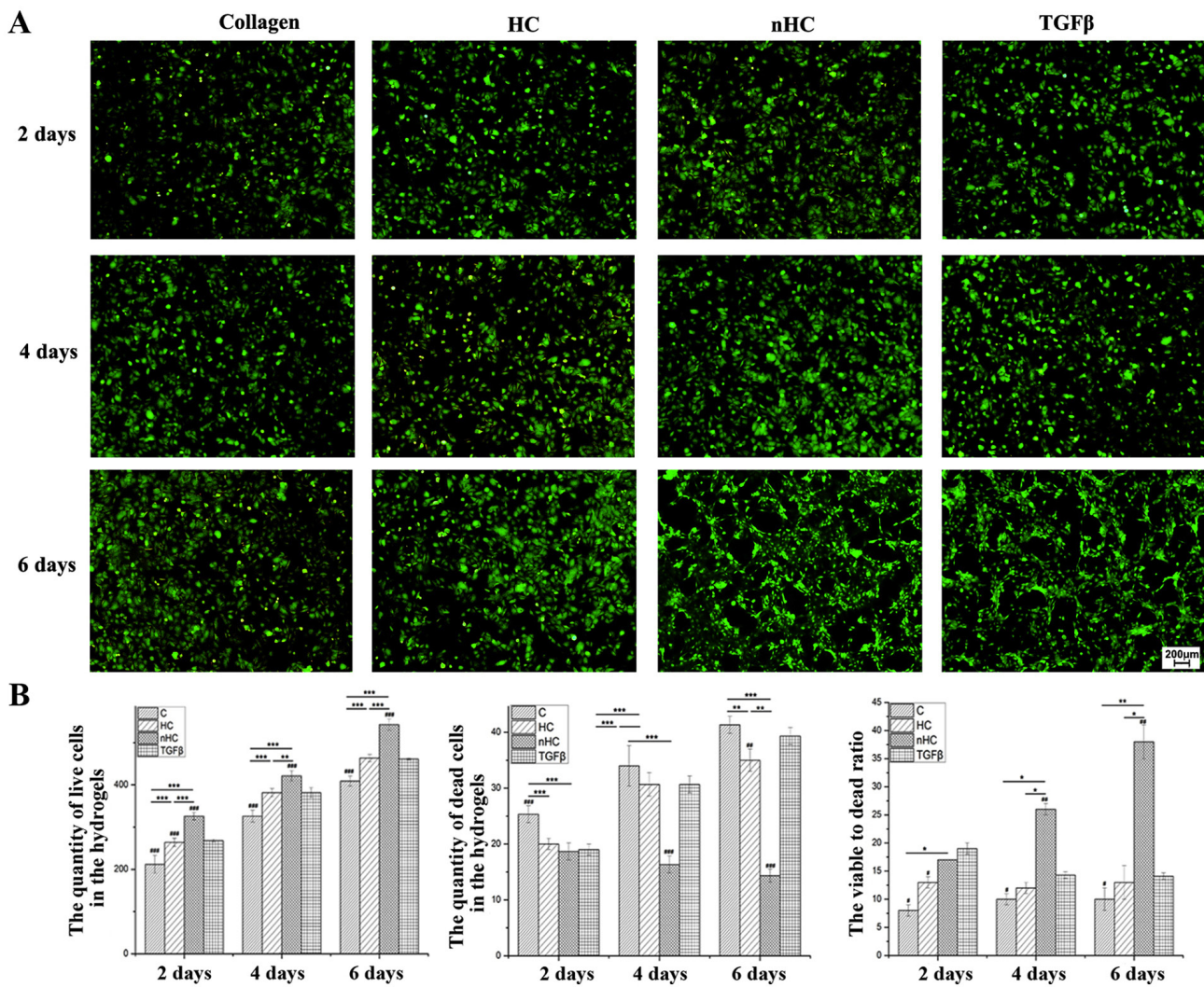


Figure 3. Cell viability. (A) Cell viability was examined by calcein-AM/PI staining. Cells seeded on nHC, HC and pure collagen film are shown. Cells in green are alive and cells in red are dead. (B) The quantities of live and dead cells were calculated and analyzed from the results of the calcein-AM/PI staining images. The cell numbers were counted using the 'cell calculating' toolbar in nikon a1 software. the data are reported as the mean  $\pm$  standard deviation. \* $P < 0.05$ , \*\* $P < 0.01$  and \*\*\* $P < 0.001$  vs. the collagen-based groups; # $P < 0.05$ , ## $P < 0.01$  and ### $P < 0.001$  for comparisons between the collagen-based groups and the TGF- $\beta$  group. TGF- $\beta$ , transforming growth factor- $\beta$ ; C, collagen; HC, hydroxyapatite/collagen; nHC, nano-HC; calcein-AM/PI, acetoxymethyl/propidium iodide.