Self-Assembled Nano-Peptide Hydrogels with Human Umbilical Cord Mesenchymal Stem Cell Spheroids Accelerate Diabetic Skin Wound Healing by Inhibiting Inflammation and Promoting Angiogenesis [Corrigendum]

Xue J, Sun N, Liu Y. Int J Nanomedicine. 2022;17:2459-2474.

The authors have advised that an error was made during the preparation of the AO/EB images shown in Figure 2E on page 2466. All the original data was retained and correct images for the hUC-MSCs, 48h and 72h timepoints were selected as suitable replacements. The corrected Figure 2 is shown below.

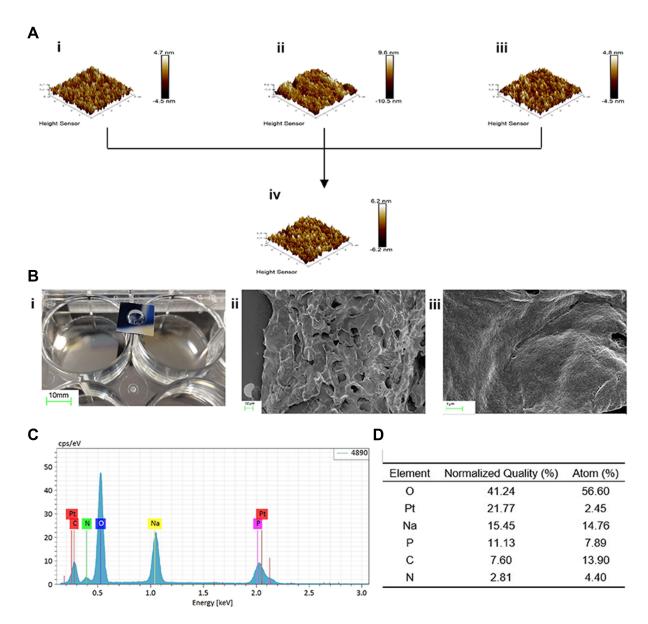


Figure 2 Continued.

Dovepress Xue et al

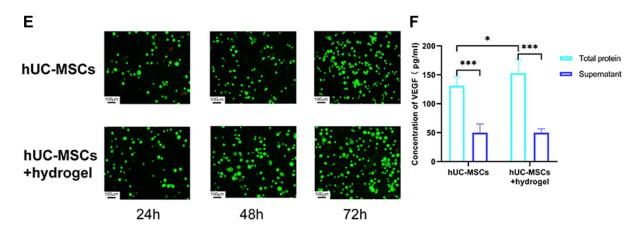


Figure 2 Characteristics of peptide hydrogel and co-culture with hUC-MSCs. (A) Microstructure of peptide hydrogel including RADA16-I (i), RGD (ii), KLT (iii), and mixed peptide hydrogel (iv) were observed by atomic force microscopy. (B) Macrostructure of a self-assembled mixed peptide hydrogel using a transwell chamber (Corning 7007). Scale bar: 10 mm (i) Microstructure of a mixed peptide hydrogel was observed using scanning electron microscopy. Scale bar: 10 µm (ii) and 1 µm (iii). (C and D) The elemental composition of the mixed peptide hydrogel and their percentages were obtained by mapping analysis. (E) The state of the mixed peptide hydrogel co-cultured with hUC-MSCs in hUC-MSCs and hUC-MSCs+hydrogel groups was examined by AO/EB staining after 24, 48, and 72h. (F) The concentration of VEGF in the total protein and supernatant after co-culture of hUC-MSCs with or without mixed peptide hydrogels was measured with a VEGF kit. Scale bar: 100 µm. *p<0.05, ****p<0.001.

International Journal of Nanomedicine

Dovepress

Publish your work in this journal

The International Journal of Nanomedicine is an international, peer-reviewed journal focusing on the application of nanotechnology in diagnostics, therapeutics, and drug delivery systems throughout the biomedical field. This journal is indexed on PubMed Central, MedLine, CAS, SciSearch®, Current Contents®/Clinical Medicine, Journal Citation Reports/Science Edition, EMBase, Scopus and the Elsevier Bibliographic databases. The manuscript management system is completely online and includes a very quick and fair peer-review system, which is all easy to use. Visit http://www.dovepress.com/testimonials.php to read real quotes from published authors.

Submit your manuscript here: https://www.dovepress.com/international-journal-of-nanomedicine-journal

https://doi.org/10.2147/IJN.\$381501