Enhanced osteogenic proliferation and differentiation of human adipose-derived stem cells on a porous n-HA/PGS-M composite scaffold

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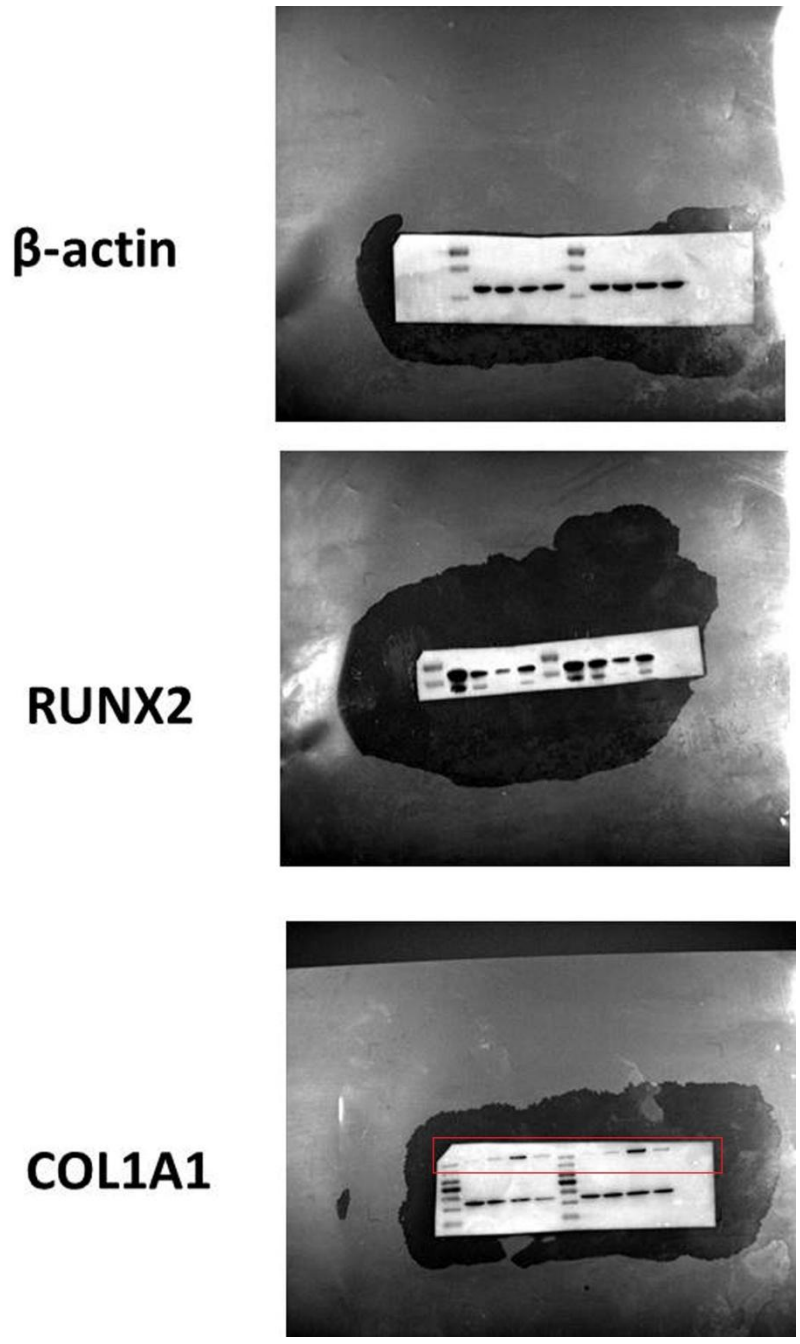
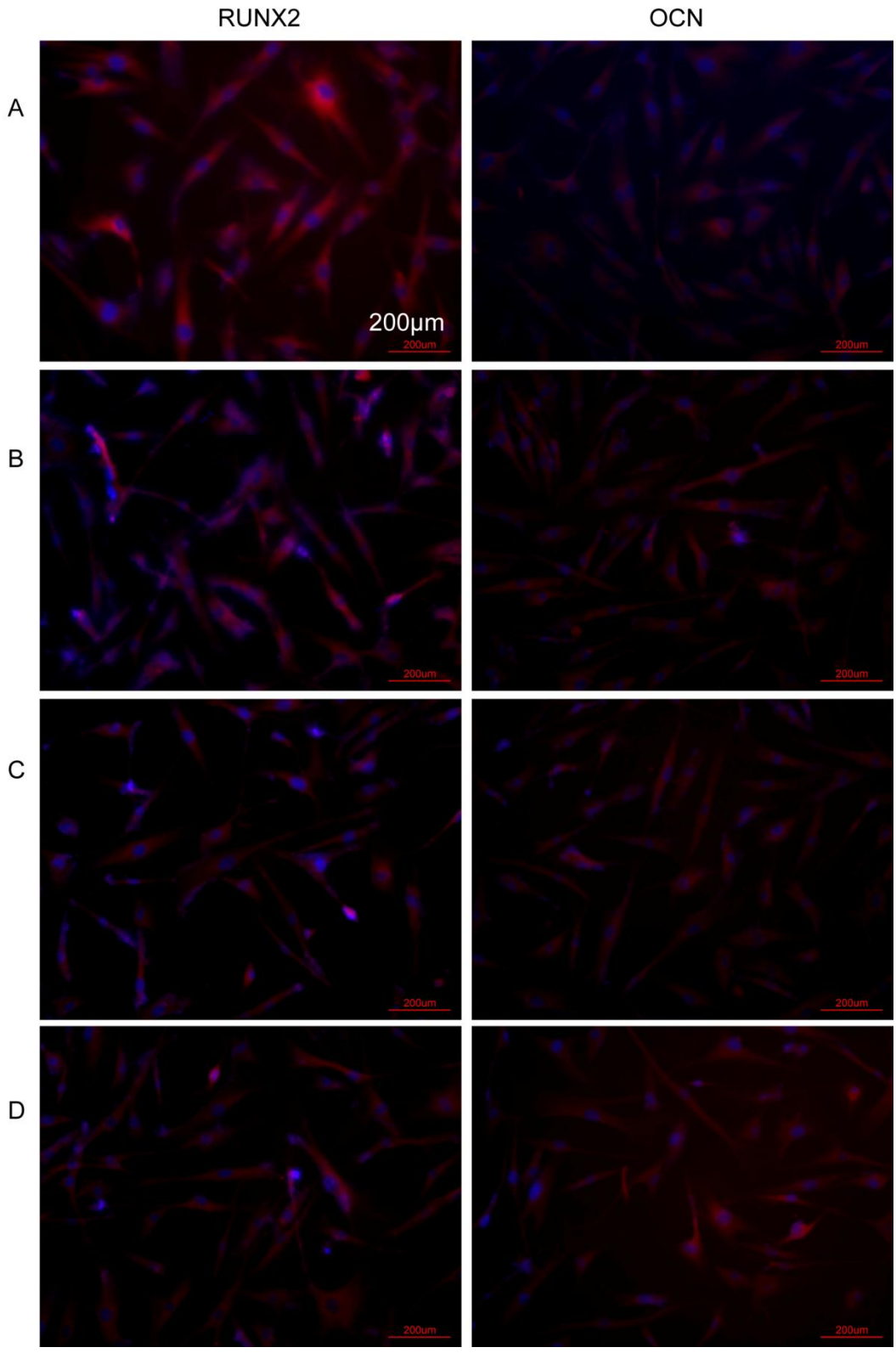


Supplementary figure 1

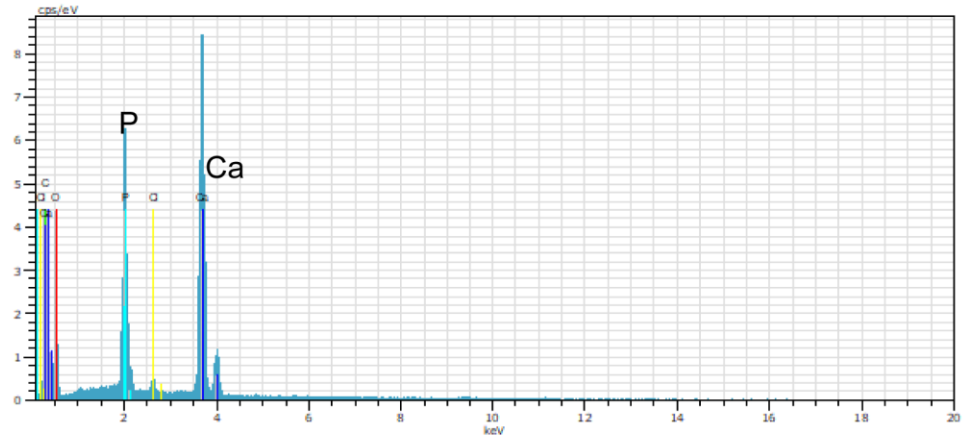
The RUNX2 and COL1A1 levels detected by western blot. The red rectangle in the bottom image represented COL1A1expressed level.



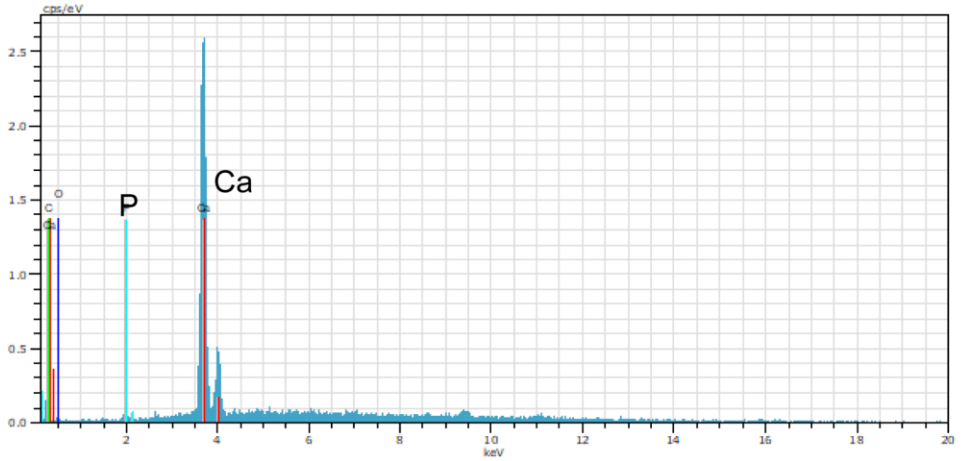
Supplementary figure 2

The immunohistochemical results of PGS-g-M scaffolds (A), and PGS-M-n-HA-0.4 (B), PGS-M-n-HA-0.5 (C), and PGS-M-n-HA-0.6 composite scaffolds (D).

A



B



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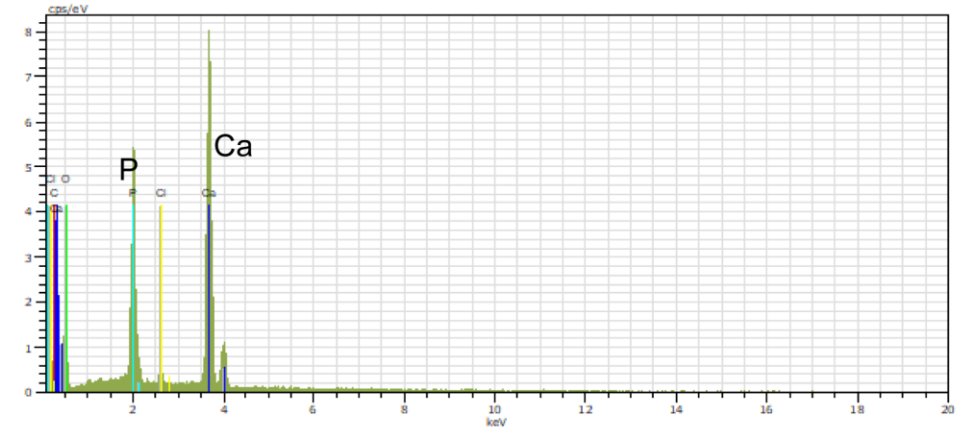
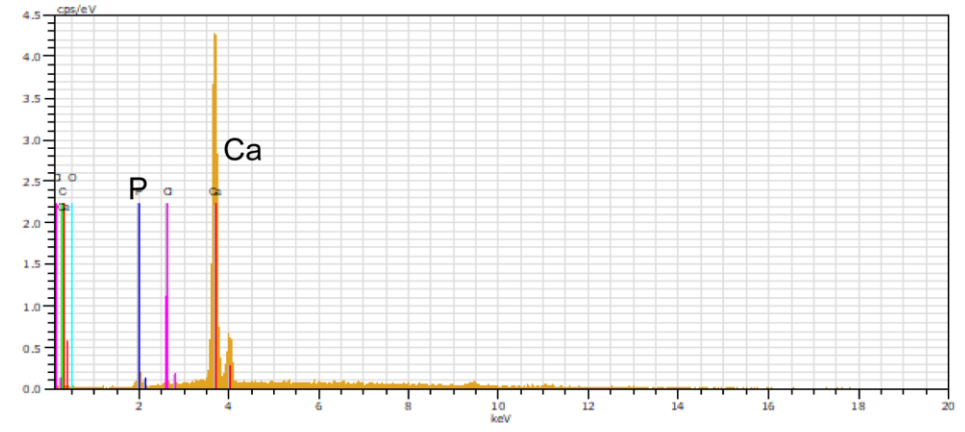


D



Supplementary figure 3

The Ca-P chemical element analysis on the surface of the four scaffolds by energy-dispersive X-ray spectroscopy (EDS) at 4 weeks. PGS-g-M scaffolds (A), and PGS-M-n-HA-0.4 (B), PGS-M-n-HA-0.5 (C), and PGS-M-n-HA-0.6 composite scaffolds (D).