

Supplementary data

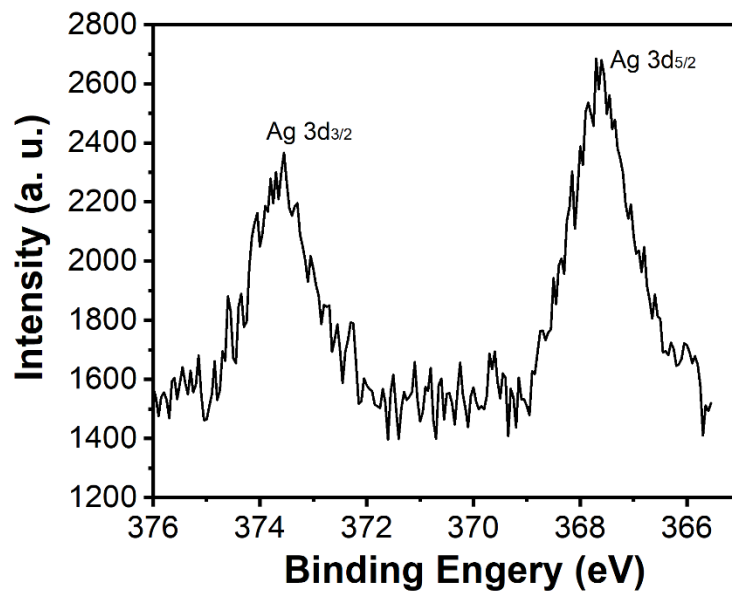


Figure S1. The high-resolution XPS spectrum of Ag 3d.

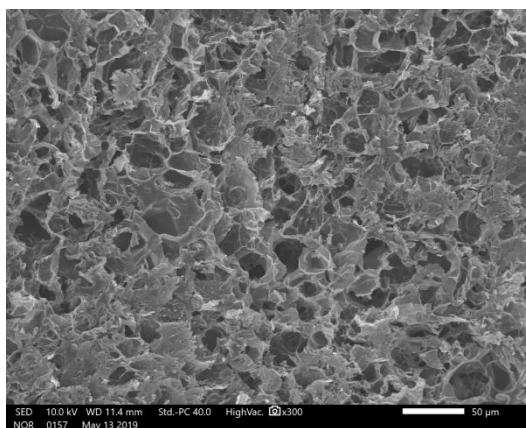


Figure S2. The SEM observation of supramolecular hydrogel.

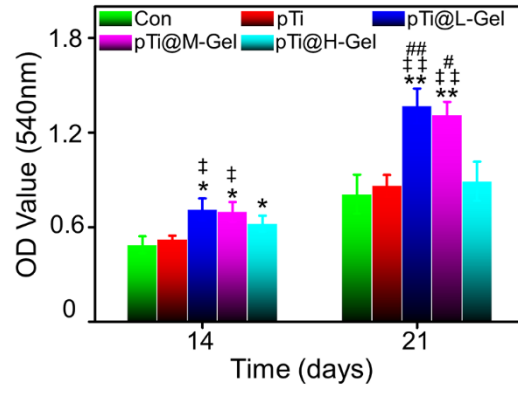


Figure S3. Quantitative analysis of AR staining of BMSCs cultured in the different scaffolds after osteogenic induction for 14 and 21 days.

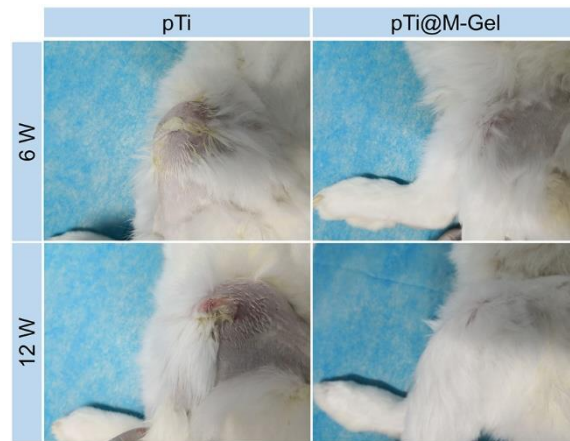


Figure S4. Gross images of surgical incision at 6 and 12 weeks after operation.

Table S1. Primer sequences of genes

Gene subtype	Oligonucleotide Primers (5'-3')
ALP	F: ATC GGA CCC TGC CTT ACC R: CTC TTG GGC TTG CTG TCG
Runx-2	F: ACTACCAGCCACCGAGACCA R: ACTGCTTGCAGCCTTAAATGACTCT
OCN	F: AGCCACCGAGACACCATGAGA R: AGCCACCGAGACACCATGAGA
BMP-2	F: CAACACCGTGCTCAGCTTCC R: TTCCCACTCATTTCTGAAAGTCC
GAPDH	F: CAATGACCCCTTCATTGACC R: TGGACTCCACGACGTACTCA
