

Supplementary Information

Cell-loaded injectable gelatin/alginate/Laponite nanocomposite hydrogel promotes bone healing in a critical-size rat calvarial defect model

Bin Liu^a, Junqin Li^a, Xing Lei^{a,b}, Sheng Miao^a, Shuaishuai Zhang^a, Pengzhen Cheng^a,
Yue Song^a, Hao Wu^a, Yi Gao^a, Long Bi^{a*}, Guoxian Pei^{a*}

^a Department of Orthopedics, Xijing Hospital, Fourth Military Medical University, Xi'an, 710032, P. R. China

^b Department of Orthopedics, Linyi People's Hospital, Linyi, 276000, P. R. China

* Corresponding Authors: Long Bi; Guoxian Pei

E-mail: bilong@fmmu.edu.cn; nfperry@163.com

Figure S1

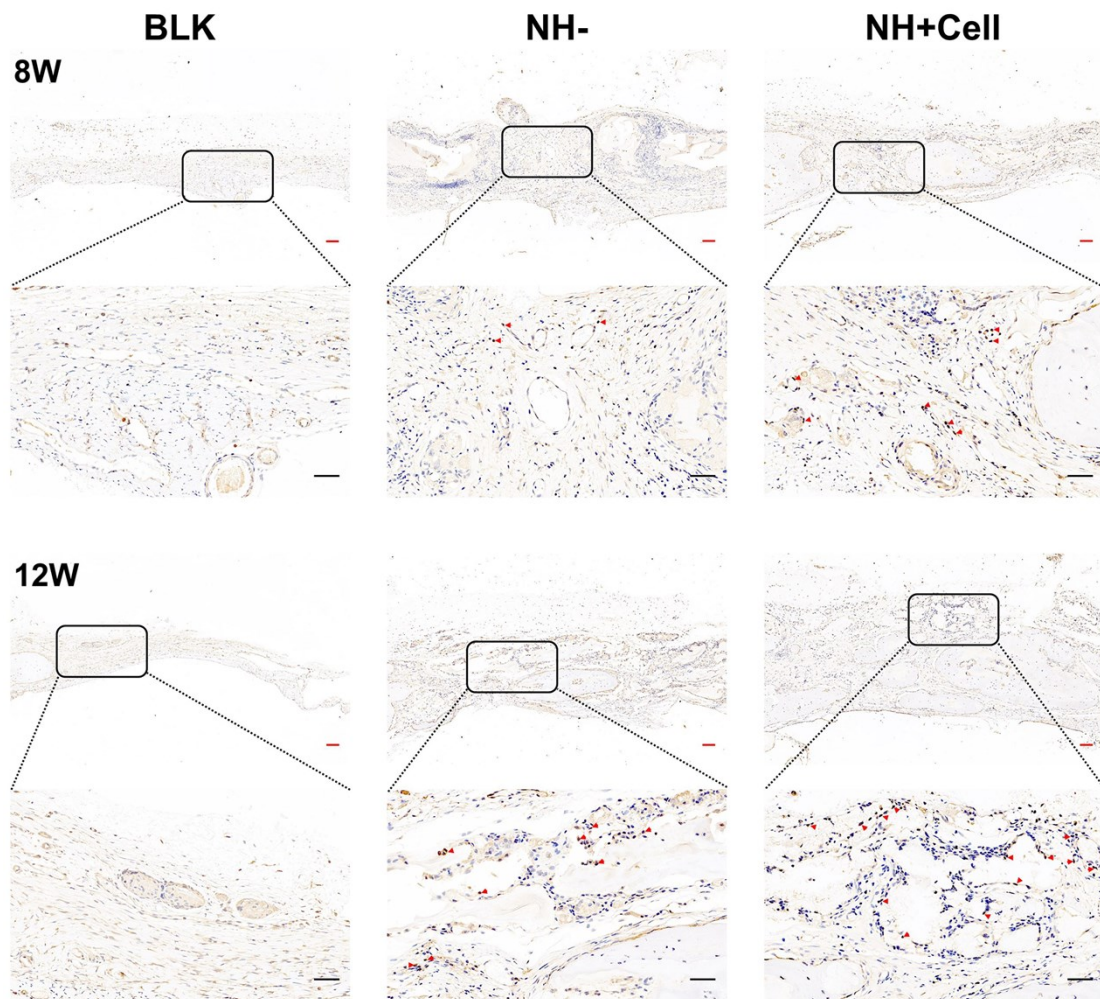


Figure S1. The Osterix immunohistochemical staining of the bone defects at 8-week and 12-week after injectability of the nanocomposite hydrogel with (NH+Cell) or without cells (NH-). The positive cells were marked by red arrows. Scale bar: Red: 100 μm , Black: 50 μm .