

Supporting Information

Lanthanum-doped chitosan hydrogels promote the apoptosis of melanoma cells by Bcl-2/Bax pathway

*Jia-Wei Lu,^{†1} Yu Miao,^{†2} Cui-Xiang Guo,¹ Qin-Fei Ke,¹ Jun-Hui Yin,^{*3} Shu-Min Zhou,^{*3} Ya-Ping Guo^{*1}*

¹ The Education Ministry Key Lab of Resource Chemistry and Shanghai Key Laboratory of Rare Earth Functional Materials, Shanghai Normal University, Shanghai 200234, China.

² Department of Orthopedic Surgery, Shanghai Jiao Tong University Affiliated Sixth People's Hospital, Shanghai 200233, China.

³ Institution of microsurgery for Limbs, Department of Orthopedic Surgery, Shanghai Jiao Tong University Affiliated Sixth People's Hospital, Shanghai 200233, China.

* E-mail: ypguo@shnu.edu.cn (Ya-Ping Guo); zhoushumin_zw@126.com (Shu-Min Zhou); yingjunhui1429@126.com (Jun-Hui Yin)

† These authors contributed equally.

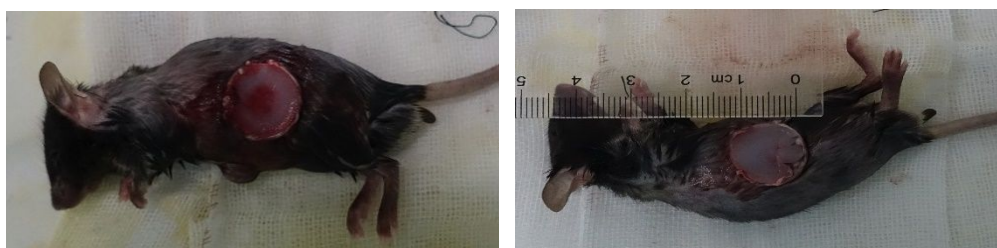


Figure S1. Optical images of the wounds after *in vivo* implantation of La-CS hydrogels (left) and CS hydrogels (right).