

Supporting information

In situ formed hydroxyapatite and poly(lactic-co-glycolic acid) injectable implants as a potential cargo loading of bioactive substances for bone regeneration

Zongliang Wang^{a,1}, Ning Zhang^{b,1}, Jianguo Liu^c, Zhiqiang Xu^d, Liqiang Wang^e, Yu
Wang^{a*}, Yifan Wang^{b*}, Peibiao Zhang^{a*}

^aKey Laboratory of Polymer Ecomaterials, Changchun Institute of Applied Chemistry,
Chinese Academy of Sciences, Changchun, 130022, PR China

^bDepartment of Foot and Ankle Surgery, The Second Hospital of Shandong University,
Jinan 250033, PR China

^cDepartment of Orthopedics, The First Hospital of Jilin University, Changchun 130021,
PR China

^d Department of Rehabilitation Medicine, Foshan Hospital of Traditional Chinese
Medicine, Foshan, 528000, PR China

^e Department of Ophthalmology, Third Medical Center, Chinese PLA General Hospital,
Beijing 100853, PR China

*Corresponding Authors:

Peibiao Zhang, E-mail: zhangpb@ciac.ac.cn;

Yu Wang, E-mail: wydna@ciac.ac.cn;

Yifan Wang, E-mail: footandanklesurgeon@outlook.com.

¹ These authors contributed equally to this work.

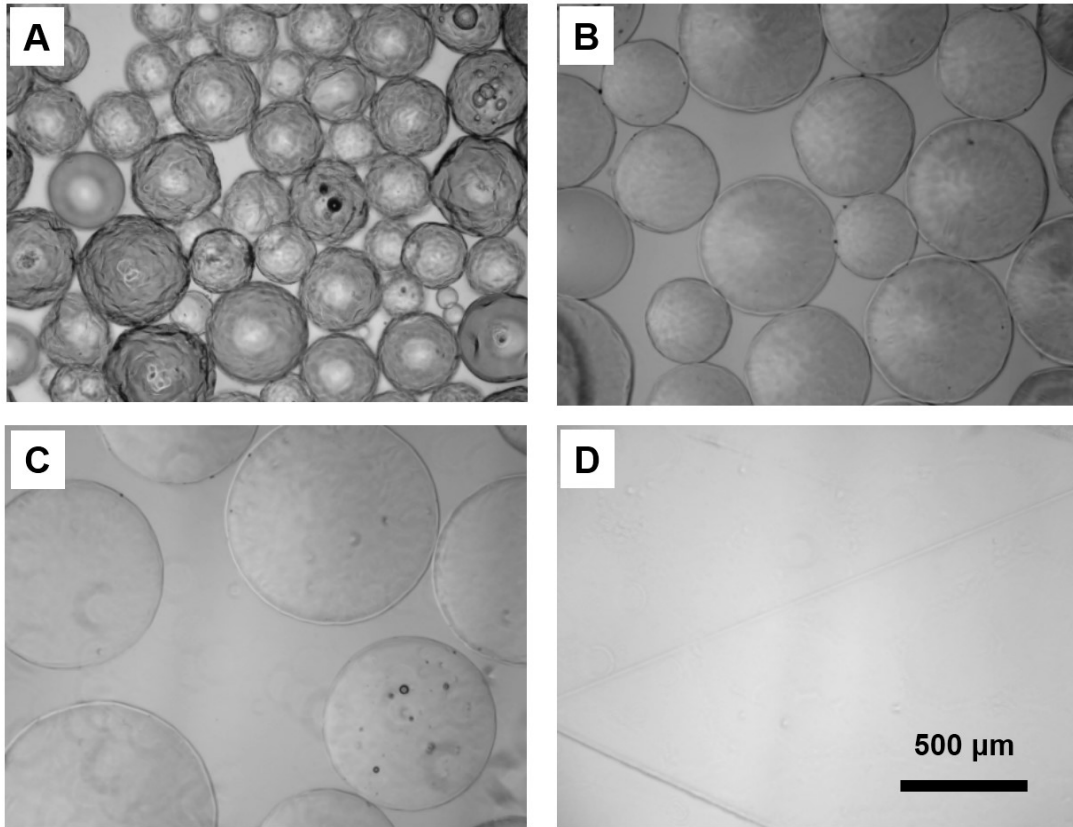


Figure S1. The optical observation of GMs (A) and the swelling of GMs in water for 5 (B), 10 (C) and 15 min (D). Scale bar lengths are 500 μm.