

The Preparation of A Difunctional Porous β -tricalcium phosphate Scaffold with Excellent Compressive Strength and Antibacterial Properties

Long Qin^a, Jiang Yi^a, Lai Xuefei^a, Liao Li^a, Xie Kenan^a, Xie Lu^{b,*}

^a School of Chemical Engineering, Sichuan University, Chengdu, 610065, China.

^b State Key Laboratory of Oral Diseases & National Clinical Research Center for Oral Diseases &
Other Research Platforms & Dept. of Prosthodontic, West China Hospital of Stomatology,
Sichuan University.

*Email: Xielu2017@163.com Tel.: 0086-15198002007

Supporting information

Fig. S.1. Ag⁺ release curves of G- β -TCP-Ag and G- β -TCP-Ag-HAp. Each symbol indicates the means \pm standard errors for three observations.

Fig. S.2. Growth curves of E. coli (a) and S. aureus (b) with the effect of G- β -TCP, G- β -TCP-Ag, and G- β -TCP-Ag-HAp. Each symbol indicates the means \pm standard errors for three observations.

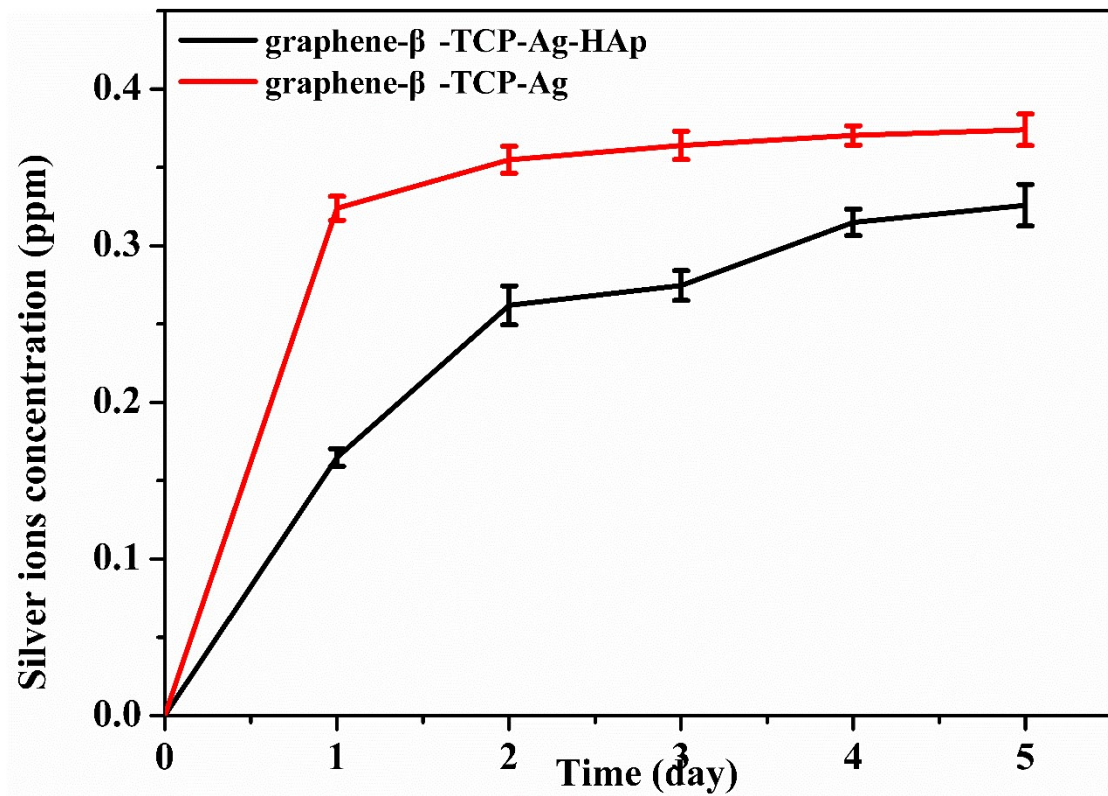


Fig. S.1. Ag⁺ release curves of G-β-TCP-Ag and G-β-TCP-Ag-HAp. Each symbol indicates the means ± standard errors for three observations.

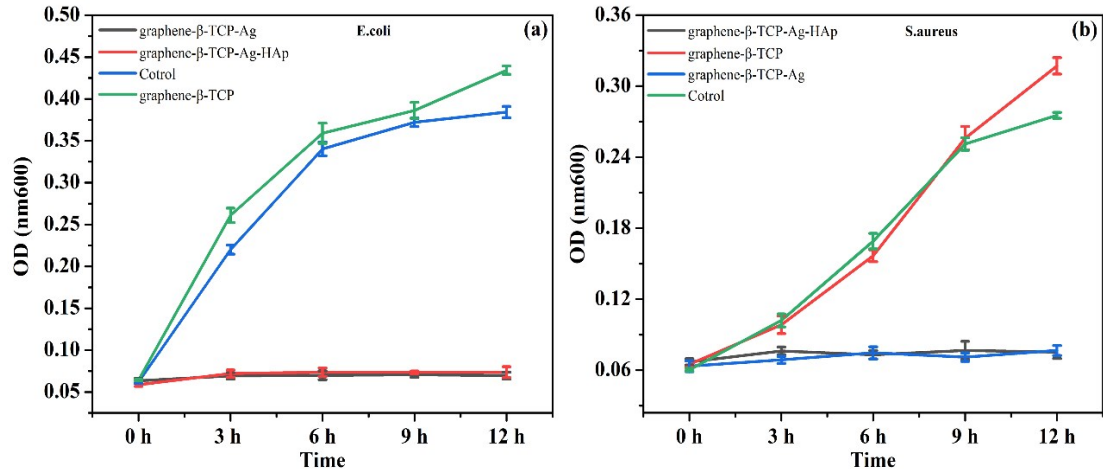


Fig. S.2. Growth curves of *E. coli* (a) and *S. aureus* (b) with the effect of G-β-TCP, G-β-TCP-Ag, and G-β-TCP-Ag-HAp. Each symbol indicates the means \pm standard errors for three observations.