**Green fabrication, characterization and antimicrobial activities of AgO/Ag/carboxymethyl chitosan- graphene oxide films**

Chen Li1, 2,\*, Ke Wang1, 2, Fayong Li1, 2, Dong Xie1, 2,\*

*1**Institute of Biological and Medical Engineering, Guangdong Academy of Sciences, Guangzhou, 510316, China*

*2Guangdong Biomaterials Engineering Technology Research Center, Guangzhou, 510316, China*

D:\DeskTop\Graph5.tif

Fig.S1. FTIR spectra of CMCS, CMCS-Gellatin, CGO and AgO/Ag/CGO3;



Fig.S2. HepG2 cells survival percentage after incubation with different concentrations of the AgO/Ag/CGO3 nanocomposites.