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

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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.