coatings

SupplementaryMaterials: Bio-Inspired Facile Synthesis of Graphene-Based Nanocomposites: Elucidation of Antimicrobial and Biofilm Inhibitory Potential against Foodborne Pathogenic Bacteria

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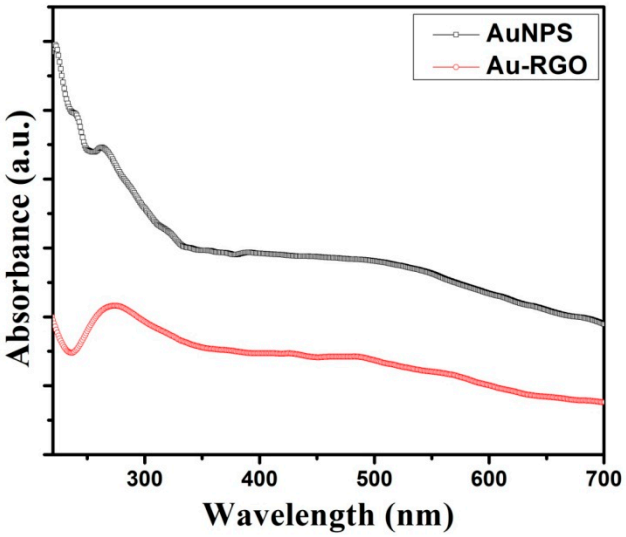

Figure S1. Room temperature UV-Vis spectra of AuNPs and Au-RGO nanocomposites.

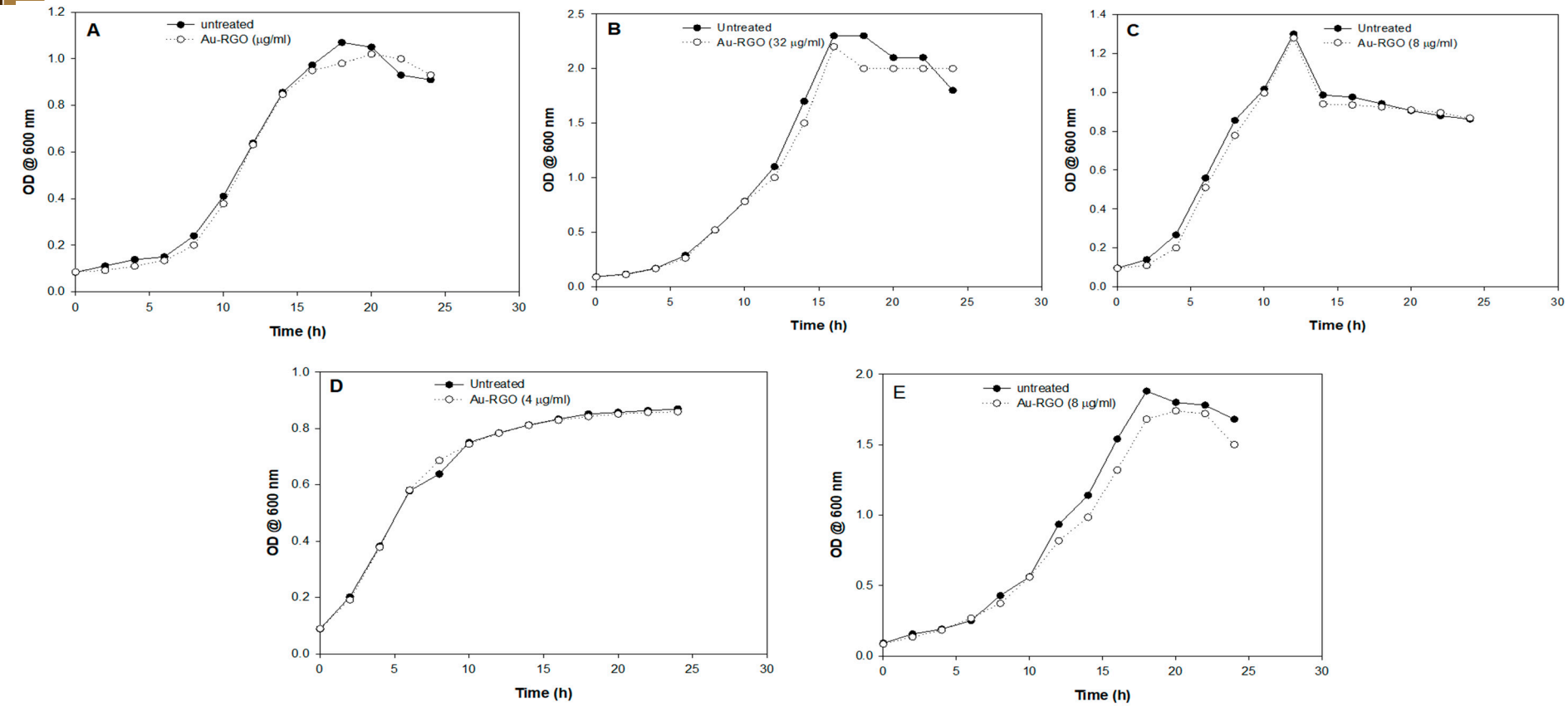

Figure S2. Growth curve of test bacteria treated with 0.5xMICs of Au-RGO. A). *L. monocytogenes*; B). MRSA; C). *E. coli*; D). *S. marcescens*; E). *P. aeruginosa*.

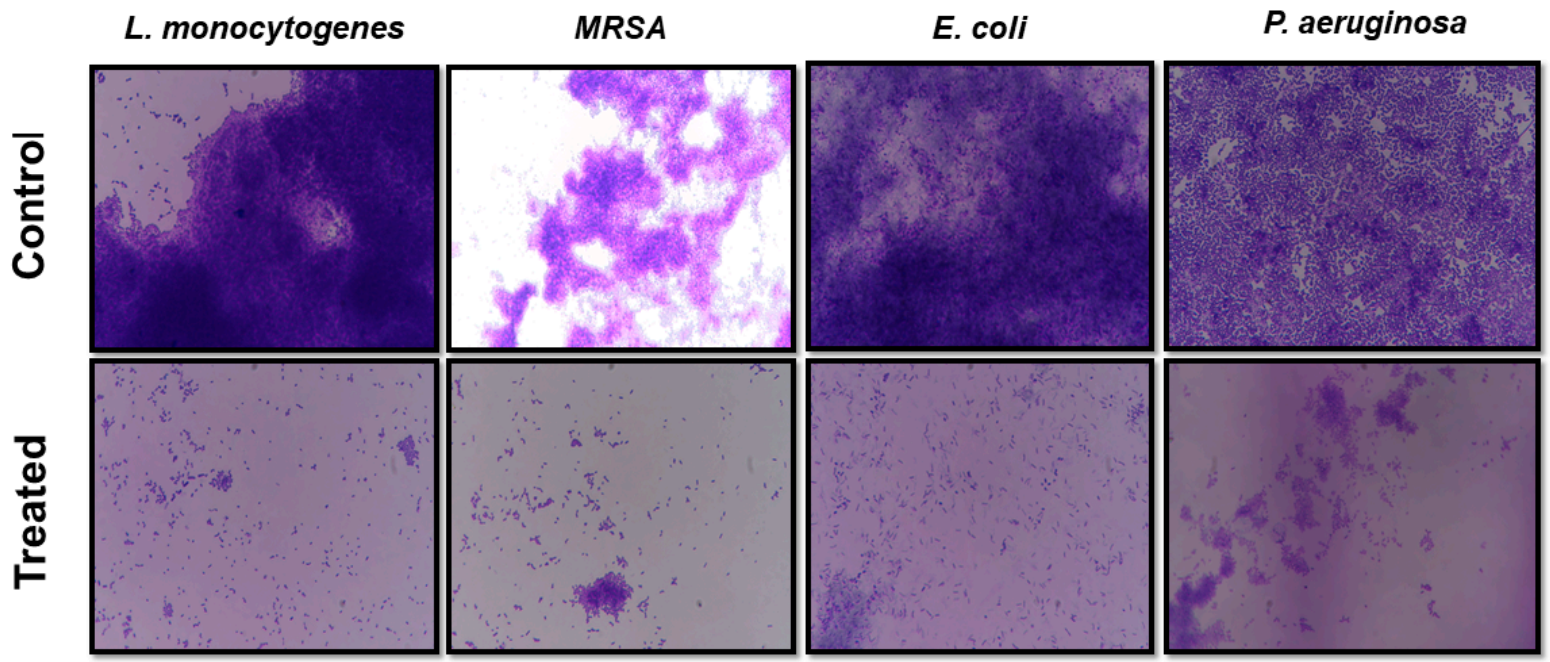

Figure S3. Inhibition of biofilm by 0.5xMICs of Au-RGO as observed under the light microscope.

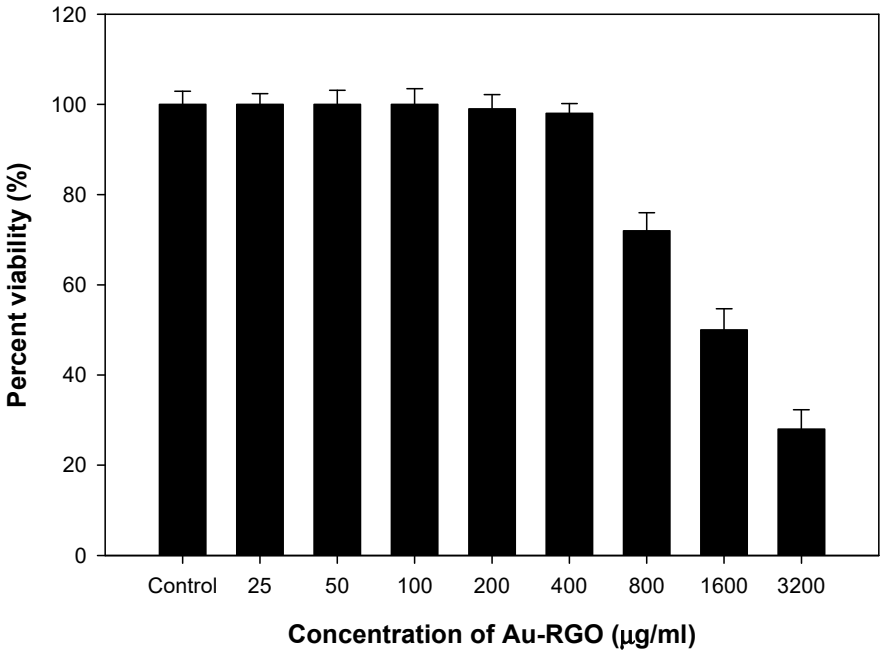

Figure S4. Effect of different concentration of Au-RGO on the viability of HEK-293 cell lines.