Supporting Information for

“2,4-dichlorophenoxyacetic acid functionalized gold nanoparticles: synthesis, characterization and biological effects”

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**Fig. S1** UV-vis spectra of MP-Au NPs and 2,4-D-MP-Au NPs collected from chloroform solutions

**Fig. S2** XPS spectra of the Au 4f (a), S 2p (b) and Cl 2p (c) of MP-Au NPs (black curve) and 2,4-D-MP-Au NPs (red curve).