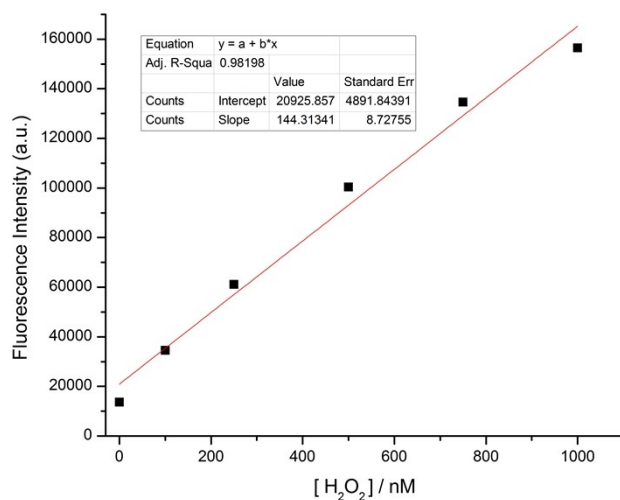


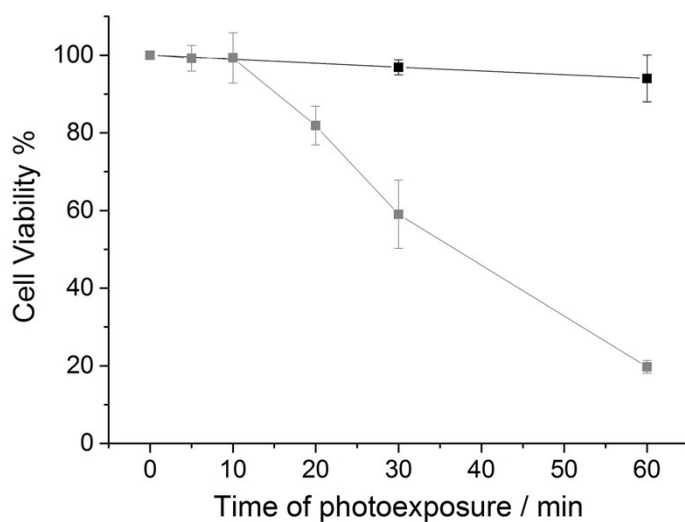
## C<sub>60</sub>@lysozyme: a new photosensitizing agent for photodynamic therapy

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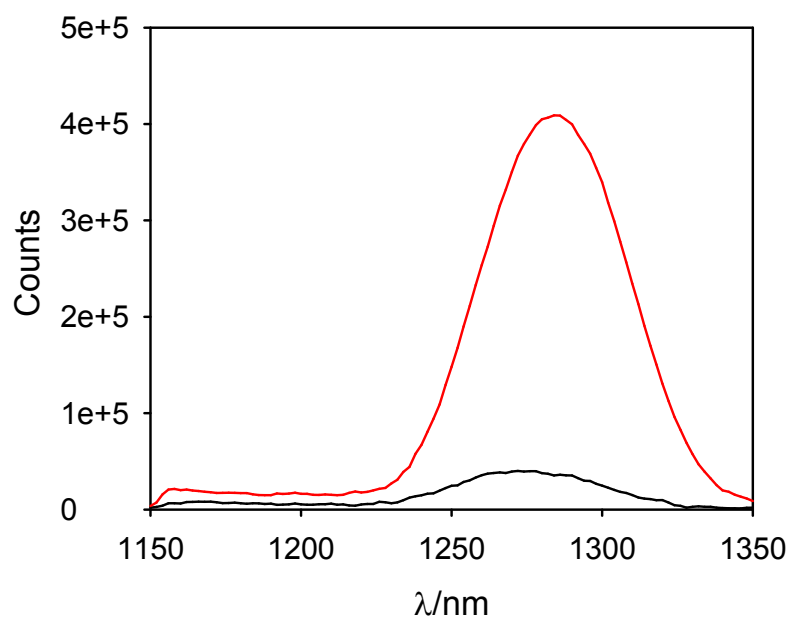


**Figure S1.** Calibration curve for the detection of ROS concentration

by DCF fluorescence signal, created using hydrogen peroxide standard solutions.



**Figure S2.** Effect on cell viability upon different photo-irradiation times with a low-energy power (black line, 0.064 mWcm<sup>-2</sup>) and high-energy power (gray line, 1.6 mWcm<sup>-2</sup>) source



**Figure S3.** Emission spectra from singlet oxygen generated upon excitation at 514 nm for solutions with the same absorbance (514 nm) of C<sub>60</sub>@lysozyme ( red line) and rose bengal ( black line).