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*Supplementary Information*

**Cationic surface modification of gold nanoparticles for enhanced cellular uptake and X-ray radiation therapy**

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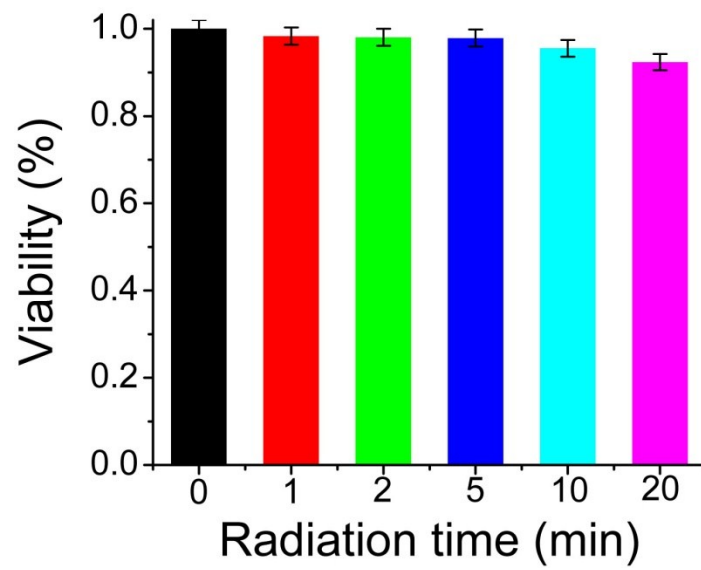


Fig. S1: Viability of HeLa cells after X-ray irradiation for 1, 2, 5, 10 and 20min and measured by Calcein AM/EthD-1 assay.