

Key Factors Influencing Magnetic Nanoparticle-Based Photothermal Therapy: Physicochemical Properties, Irradiation Power, and Particle Concentration *In Vitro*

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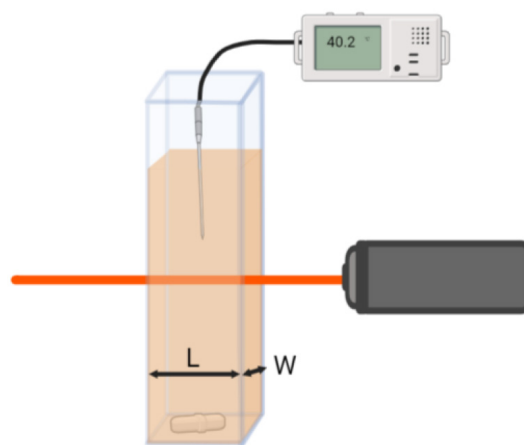


Figure 1: Experimental set-up scheme. Quartz cuvette with 1 cm of optical path length (L) and 0.4 cm of width (W), with a teflon-coated magnetic stir bar (5 mm x 2 mm). Laser irradiation wavelength was 1064 nm.

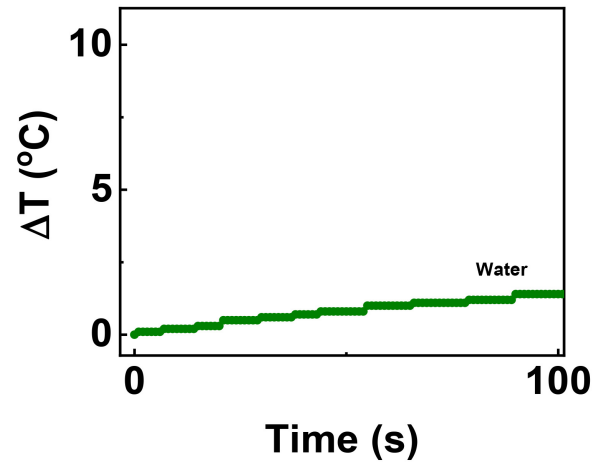


Figure 2: Heating measurement of a water sample using a 1064 nm laser and 1.17 W power.

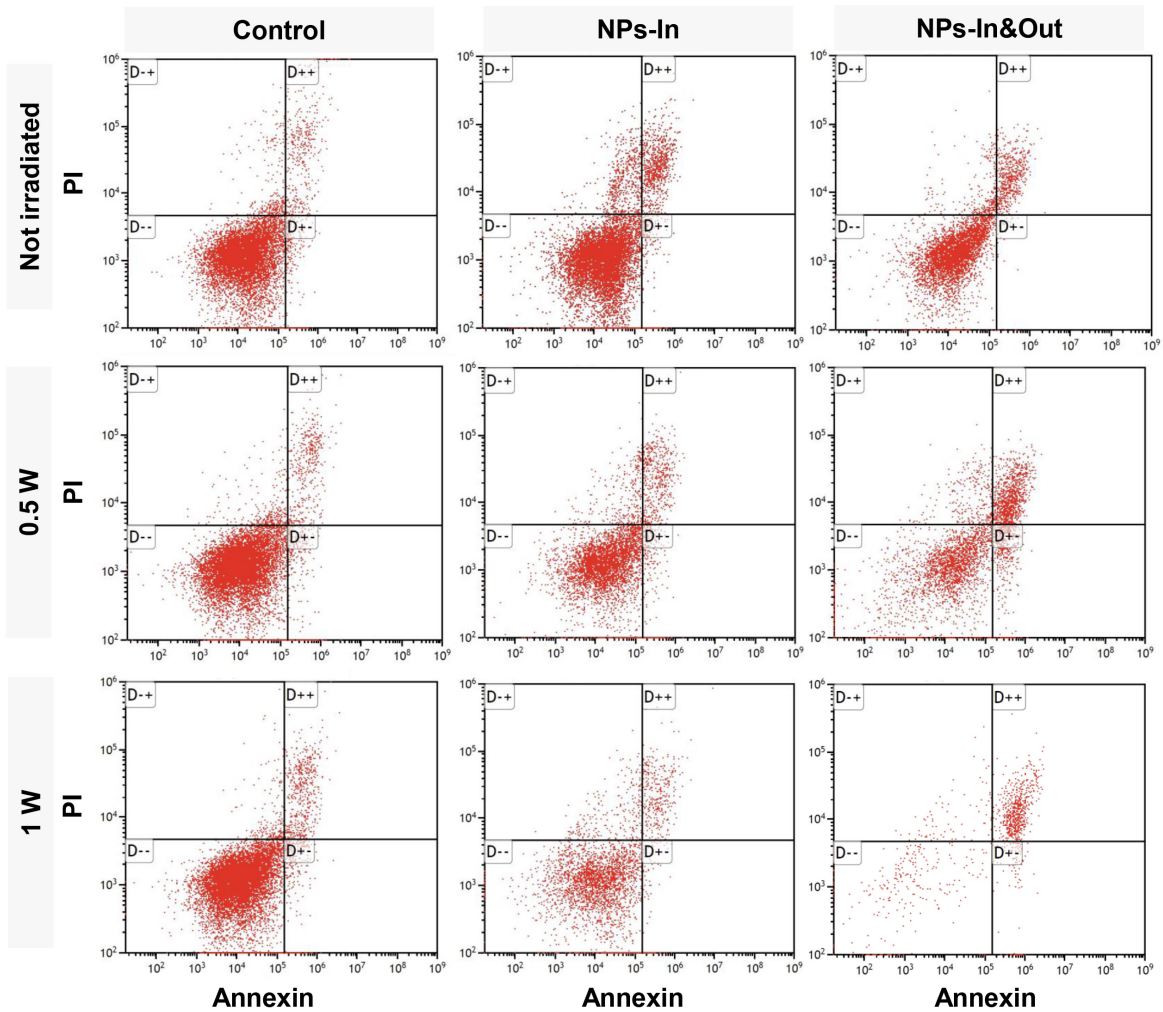


Figure 3: Flow cytometry studies. Dot blots corresponding to different analysed groups (Control, NPs-In, NPs-In&Out) irradiated with a 0.5 and 1 W power during 10 min.