

Supplementary data for article:

Antic, B.; Boskovic, M.; Nikodinovic-Runic, J.; Ming, Y.; Zhang, H.; Bozin, E. S.; Janković, D.; Spasojevic, V.; Vranjes-Djuric, S. Complementary Approaches for the Evaluation of Biocompatibility of ^{90}Y -Labeled Superparamagnetic Citric Acid (Fe,Er) $_{3}\text{O}_{4}$ Coated Nanoparticles. *Materials Science and Engineering C* **2017**, 75, 157–164.

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Supplementary materials

Table S1. Lethal and teratogenic effects observed in zebrafish (*Danio rerio*) embryos at different hours post fertilization.

Category	Developmental endpoints
Lethal effect	Egg coagulation ^a
	Tail not detached
	No somite formation
	No heart-beat
Teratogenic effect	Malformation of head
	Malformation of eyes ^b
	Malformation of sacculi/otoliths ^c
	Malformation of chorda
	Malformation of tail ^d
	Scoliosis
	Yolk deformation
Growth retardation ^e	

^a No clear organs structure are recognized

^b Malformation of eyes was recorded for the retardation in eye development and abnormality in shape and size.

^c Presence of no, one or more than two otoliths per sacculus, as well as reduction and enlargement of otoliths and/or sacculi (otic vesicles).

^d Tail malformation was recorded when the tail was bent, twisted or shorter than to control embryos as assessed by optical comparison.

^e Growth retardation was recorded by comparing with the control embryos in development or size (before hatching, at 24 hpf and 48 hpf) or in a body length (after hatching, at and onwards 72 hpf).

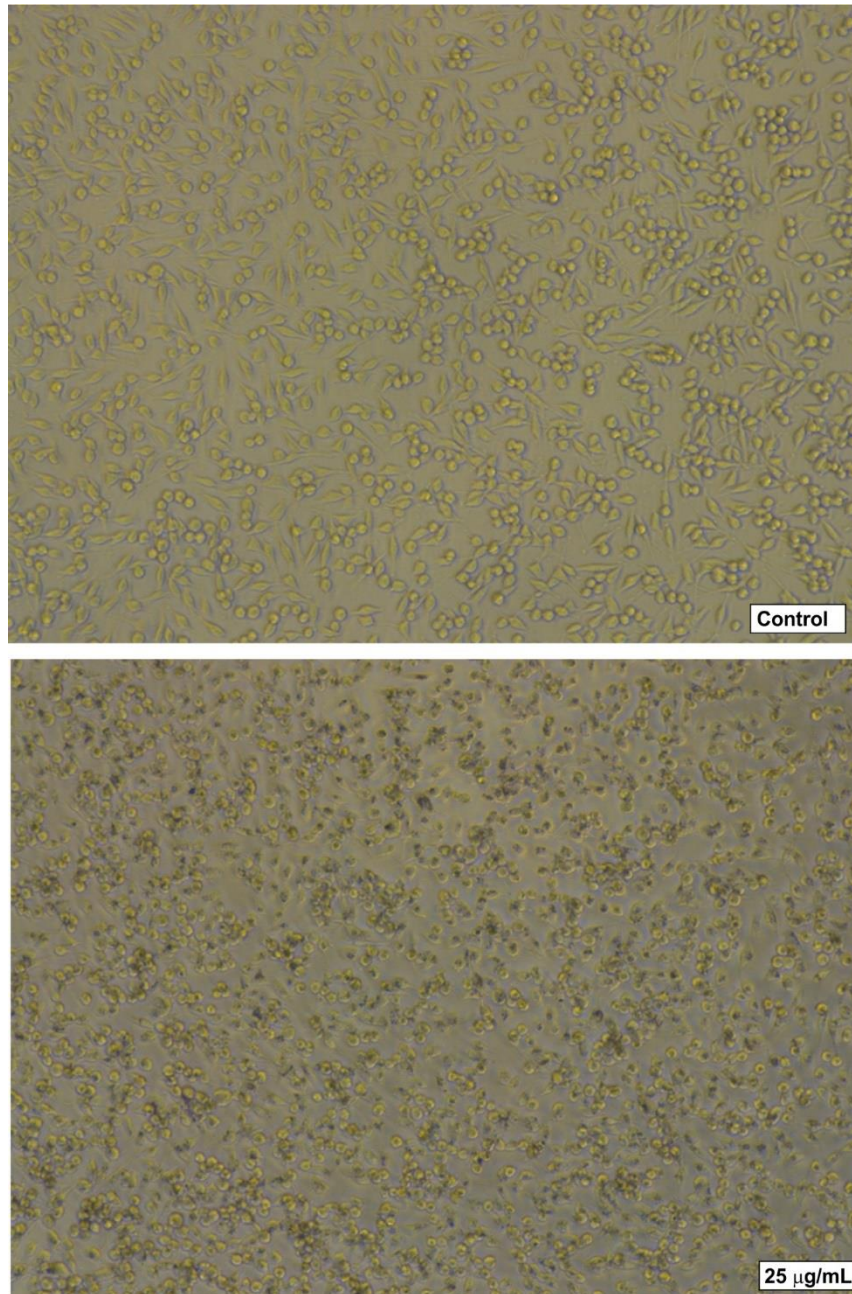


Figure S1. Morphological appearance of MRC-5 cells upon treatment with Er005 (25 µg/mL) at 20 x magnification.