

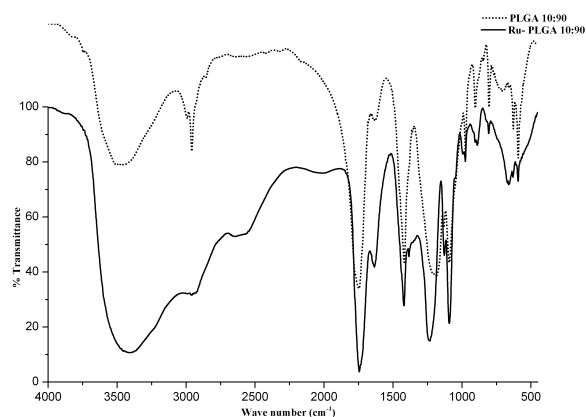
Toxicity of High glycolic Poly (DL Lactic-co-Glycolic Acid) Stabilized Ruthenium

Nanoparticles in Human promyelocytic leukemia cells Vs Normal Cells

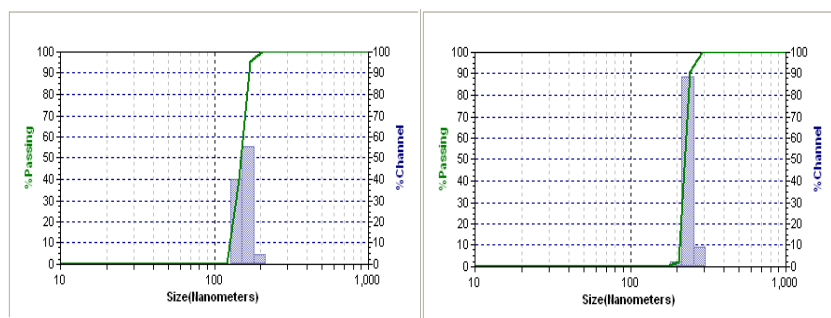
Venkatesan Nandakumar¹, Venkatesan Vetrivel², Mukesh Doble^{1*}

Supporting Material

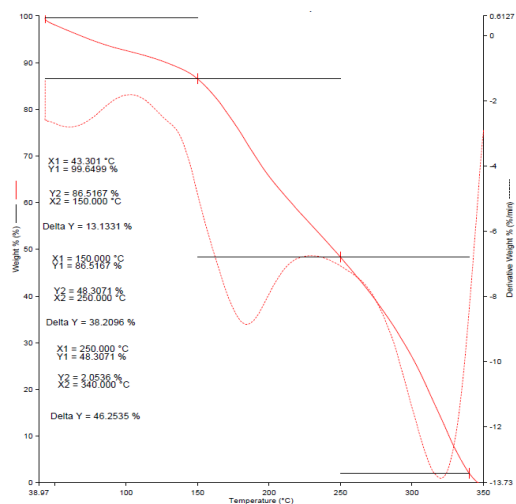
S1 IR spectrum of Ru-PLGA 10:90



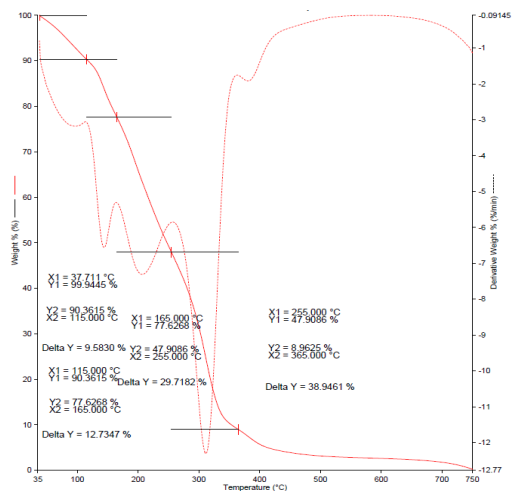
S2 Particle size distribution of (a) PLGA10:90 and (b) ruthenium immobilized PLGA10:90



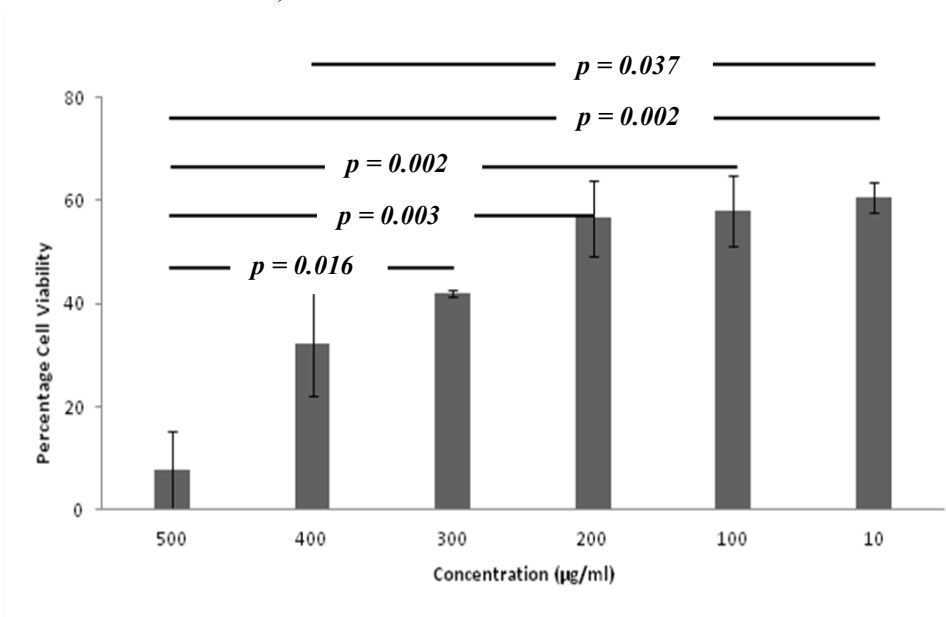
S3 TGA of PLGA 10:90 spheres



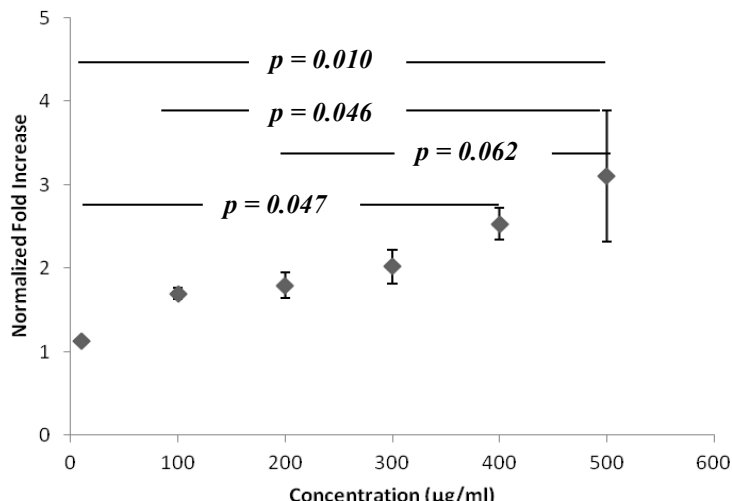
S4 TGA of Ru-PLGA 10:90 nanoparticles



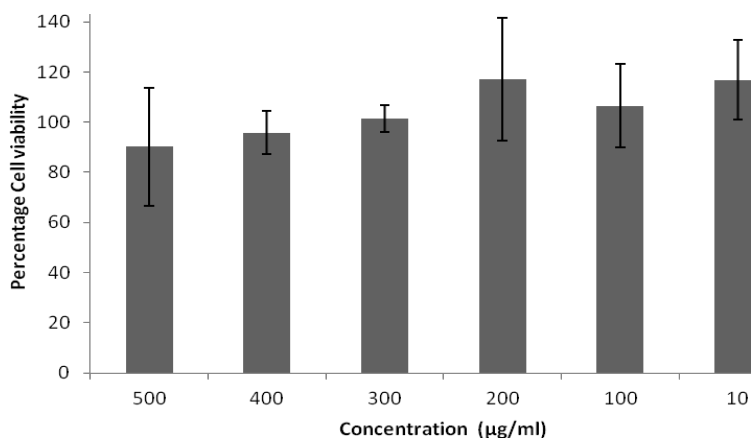
S5 Cytotoxicity of Ru-PLGA 10:90 nanoparticle in HL 60 cells ($p=0.001$) (results are normalized to control)



S6 Intracellular ROS generation in HL 60 cells after exposure to Ru- PLGA 10:90 (results are normalized to control)



S7 Cytotoxicity of PLGA 10:90 nanoparticles in peripheral blood lymphocytes ($p=0.357$)
(results are normalized to control)



S8 Intracellular ROS generation in peripheral blood lymphocytes after exposure to Ru- PLGA 10:90 (results are normalized to control)

