ABBREVIATIONS

Al_2O_3 NPs	Aluminum Oxide Nanoparticles
ANOVA	Analysis of Variance
BAX	Bcl-2-associated X
BCL2	B-cell lymphoma 2
BET	Brunauer-Emmett-Teller
CAMK2D	Calcium/calmodulin-dependent protein kinase
CASP3	Caspase 3
CEFs	Chicken Embryonic Fibroblasts
CPCSEA	Committee for the Purpose of Control and Supervision of Experiments on Animals
CTNNB1	ß-catenin
DAPI	4'-6-Diamidino-2-phenylindole
DCF-DA	Dichlorofluorescein Diacetate
dH_2O	Distilled Water
DLS	Dynamic Light Scattering
DMEM-F-12	Dulbecco's Minimal Essential Media- Ham's F-12
DMSO	Dimethyl sulphoxide
ENPs	Engineered Nanoparticles
Fe_2O_3 NPs	Maghemite Nanoparticles

FGF2	Fibroblast Growth Factor
FTIR	Fourier Transform Infrared
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
HET-CAM	Hen's Egg Test- Chorioallantoic Membrane
HH	Hamburger Hamilton
HOXD13	Homeobox D-13
IAEC	Institutional Animal Ethical Committee
ICP-OES	Inductively coupled plasma optical emission spectroscopy
IONPs	Iron (II,III) Oxide and/or iron (III) oxide Nanoparticles
LDH	Lactate dehydrogenase
LEF1	Lymphoid enhancer-binding factor 1
MgO NPs	Magnesium oxide Nanoparticles
MNP	Magnetic Nanoparticle
MRI	Magnetic Resonance Imaging
MTT	3-(4, 5-dimethylthiazolyl-2)-2, 5-diphenyltetrazolium bromide
MWCNT	Multiwalled carbon nanotube
NAD	Nictoinamide Adenine Dinucleotide
NADH	Nictoinamide Adenine Dinucleotide-Hydrogen (reduced)
NPs	Nanoparticles
p53	Tumor Protein 53
PBS	Phosphate Buffered Saline

PCNA	Proliferating Cell Nuclear Antigen
PDN	Pendant Drop Numbers
PITX2	Paired-like homeodomain 2
PRKCA	Protein kinase C
RES	Reticuloendothelial System
RHO 123	Rhodamine 123
ROCK1	Rho-associated, coiled-coil containing protein kinase 1
ROCK2	Rho-associated, coiled-coil containing protein kinase 2
ROS	Reactive Oxygen Species
SEM	Standard error of Mean
SPION	Superparamagnetic Iron Oxide Nanoparticles
SWCNT	Single walled carbon nanotube
TiO_2 NPs	Titanium dioxide Nanoparticles
TPVG	Trypsin Phosphate Varsene Glucose
VEGFA	Vascular Endothelial Growth Factor
VFT	Viscous Flow Time
WNT11	Wingless-type MMTV integration site family, member 11
ZnO NPs	Zinc oxide Nanoparticles