

ABBREVIATIONS

AFP	Alpha feto-proteins
β-CD	Beta-cyclodextrin
CAM	Chick Chorioallantoic Membrane
CCT	Cocktail chemotherapy
cDNA	Complementary DNA
CNT	Carbon Nanotubes
CPCSEA	Committee for the Purpose of Control and Supervision of Experiments on Animals
DABCO	1,4-diazabicyclo[2.2. 2]octane
DBDTL	Di butyl tin dilaurate
DCC	N, N'-Dicyclohexylcarbodiimide
DEE	Drug entrapment efficiency
DLC	Drug loading capacity
DLS	Dynamic light scattering
DMAP	4-Dimethylaminopyridine
DMEM	Dulbecco's Modified Eagle's Medium
DMF	Dimethyl formamide
DOX.HCl	Doxorubicin Hydrochloride
EDAX	Energy Dispersive X-ray spectroscopy
EDC.HCl	1-ethyl-3-(3-dimethylaminopropyl) carbodiimide hydrochloride
EDTA	Ethylene diamine tetra acetic acid

FBS	Fetal Bovine Serum
FESEM	Field Emission Scanning Electron Microscopy
FGF	Fibroblast growth factor
FTIR	Fourier Transform Infrared Spectroscopy
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
GPC	Gel permeation chromatography
HCC	Hepatocellular carcinoma
HMDI	Hexamethylene diisocyanate
HRTEM	High resolution transmission electron microscopy
IAEC	Institutional Animal Ethical Committee
KPS	Potassium persulfate
MA	Maleic Anhydride
MBA	N,N'-Methylene bisacrylamide
MDR	Multidrug resistance
min	Minute
mL	Milliliter
mg	Milligram
MMP	Matrix metalloproteinase
MNPs	Magnetic Nanoparticles
MTT	3-[4,5-Dimethyl-thiazol-2-yl]-2,5-diphenyltetrazolium bromide
NIPAM	N-Isopropyl acrylamide
NHS	N-Hydroxysuccinimide
NIR	Near Infrared

NMR	Nuclear magnetic resonance
PBS	Phosphate Buffer solution
PCR	Polymerase chain reaction
PEG	Polyethylene Glycol
PI	Propidium Iodide
PT	Photothermal Therapy
TGA	Thermogravimetric Analysis
THF	Tetrahydrofuran
UV	Ultraviolet
VEGF	Vascular endothelial growth factor
vis	Visible
VSM	Vibrating Sample Magnetometer
Wt %	Weight percent