

ABBREVIATIONS

Abbreviations	Complete Name
2- ME	2-mercaptoethanol
DAPI	4, 6-diamidoino-2-phenylindole
DMEM	Doulbecco's Modified Eagles Medium
DMSO	Dimethyl Sulphoxide
DOPE	1,2-Dioleoyl-sn-Glycero-3-Phosphoethanolamine
DOTAP	1,2 -dioleoyl-3-trimethylammonium-propene
DPEP	1,2-dipalmitoyl- <i>sn</i> -glycero-3-ethylphosphocholine
DPI	Dry powder inhaler
DPPC	1,2-dipalmitoyl- <i>sn</i> -glycero-3-phosphocholine
DSPG	Disteoroyl phosphatidyl glycerol
DTT	Dithiothreitol
DTX	Docetaxel Trihydrate
EI	Ethanol injection
ETP	Etoposide
FBS	Fetal Bovine Serum
FPF	Fine particle fraction
IL-2	Interleukin-2
LB	Sterile Luria broth
MDR	Multiple drug resistance
MLVs	Multilamellar vesicles
MMAD	Mean mass aerodynamic diameter
MTT	3-(4,5- dimethylthiazol-2-yl)-2,5-diphenyl tetrazolium bromide
NP	Nanoparticles
NSCLC	Non Small Cell Lung Cancer
ONPG	Ortho-nitrophenyl- β -D-galactopyranoside
PALS	Phase Analysis Light Scattering
PBS	Phosphate buffer saline

PCS	Photon correlation spectroscopy
PDI	Poly-dispersity index
pDNA	Plasmid DNA
PEI	Polyethyleneimine
PGSS	Gas Saturated Solution process
PL	Phospholipid
PLGA	Poly lactide-co- glycolic acid
pMDI	Pressurized metered dose inhaler
RES	Reticulo-endothelial system
RESS	Rapid Expansion of Supercritical Solutions
RGD	Arg-Gly-Asp
SAA	Supercritical Assisted Atomization process
SAS	Supercritical Anti Solvent processes
SCF	Supercritical fluid
SCLC	Small cell lung carcinoma
STE	Sodium Chloride – Tris – EDTA
TAE	Tris-Acetate-EDTA buffer
TE	Tris-EDTA
Tf	Transferrin
TFH	Thin film hydration
UVs	Unilamellar vesicles
WT	Wild-type
WGA	Wheat germ agglutinin