



List of Abbreviations

1. NSCLC	Non Small Cell Lung Carcinoma
2. SCLC	Small Cell Lung Carcinoma
3. DOC	Docetaxel
4. DPI	Dry Powder Inhaler
5. ETP	Etoposide
6. EPR	Enhanced Permeability and Retention
7. HA	Hyaluronic acid/Hyaluronan
8. ETPLIP	Etoposide Liposomes
9. HAETPLIP	Hyaluronan grafted Etoposide liposomes
10. DOCLIP	Docetaxel Liposomes
11. HADOCLIP	Hyaluronan grafted Docetaxel liposomes
12. pMDI	Pressurized Metered Dose Inhaler
13. HSPC	Hydrogenated Soya Phosphatidyl choline
14. DPPE	Dipalmitoyl Phosphatidylethanolamine
15. CHOL	Cholesterol
16. μm	Micrometer
17. μg	Microgram
18. mg	Miligram
19. ml	Miliitre
20. L	Litre
21. nm	nanometer
22. $^{\circ}\text{C}$	Degree Celsius/Degree Centigrade
23. mV	millivolt

24. IFR	Inspiratory Flow Rate
25. MMAD	Mean Mass Aerodynamic Diameter
26. GSD	Geometric Standard Deviation
27. PDI	Polydispersity Index
28. PDE	Percentage Drug Entrapment
29. PDR	Percentage Drug Retention
30. kDa	Kilodalton
31. CT	Computerized Tomography
32. MRI	Magnetic Resonance Imaging
33. DNA	Deoxyribonucleic acid
34. RNase	Ribonuclease
35. AUC	Area Under the Curve
36. Kel	Elimination Constant
37. $t_{1/2}$	Half Life
38. IV	Intravenous
39. PC	Phosphatidylcholine
40. LUV	Large Unilamellar Vesicle
41. SUV	Small Unilamellar Vesicle
42. OLV	Oligo lamellar Vesicle
43. ULV	Unilamellar Vesciles
44. MEL	Microemulsification Liposomes
45. FTS	Freeze Thaw Sonication
46. RSEV	Rapid Solvent Exchange Vesicles
47. SPLV	Stable Plurilamellar Vesicles
48. CMC	Critical Micelle Concentration

49. SEM	Scanning Electron Microscopy
50. BCA	Bichinconinic acid
51. UV	Ultraviolet
52. HPLC	High Performance Liquid Chromatography
53. FTIR	Fourier Transform Infra Red Analysis
54. PBS	Phosphate Buffer Saline
55. DSC	Differential Scanning Calorimetry
56. TFH	Thin Film Hydration
57. ANOVA	Analysis of Variance
58. EGF	Epidermal Growth Factor
59. VMD	Volume Mean Diameter
60. Mbar	Milibar
61. FPF	Fine Particle Fraction
62. ICH	International Conference on Harmonization
63. PI	Propidium Iodide
64. MTT	5-dimethylthiazol-2yl]-2, 5-diphenyl tetrazolium bromide