

LIST OF ABBREVIATIONS

δ	: chemical shift
cm^{-1}	: wave number
ppm	: parts per million
MHz	: megahertz
$^1\text{H NMR}$: Proton Nuclear Magnetic Resonance
h	: hour
mL	: milli litre
mmol	: milli mole
min	: minute
x	: mole fraction
KOH	: potassium hydroxide
MgSO_4	: magnesium sulfate
EtOH	: Ethanol
$\text{Sn}(\text{Oct})_2$: Stannous 2-ethylhexanoate
DBU	: 1, 8 Diazabicyclo [5.4.0] undec-7-ene
MeOH	: Methanol
CaO	: Calcium oxide
THF	: tetrahydrofuran
DMF	: <i>N,N</i> -dimethyl formamide
AIBN	: 2,2'-azobis(isobutyronitrile)
cmc	: Critical micelle concentration
THF	: Tetrahydrofuran
DMF	: <i>N,N</i> -dimethyl formamide
DLLA	: D,L-lactide
PDLLA	: Poly(D,L-lactide)
GA	: Glycolide
PLGA	: Poly(D,L-lactide- <i>co</i> -glycolide)
NIPAAm	: <i>N</i> -isopropylacrylamide

PNIPAAm	: Poly(<i>N</i> -isopropylacrylamide)
NVP	: <i>N</i> -vinylpyrrolidone
PNVP	: Poly(<i>N</i> -vinylpyrrolidone)
GPC	: Gel permeation chromatography
TEM	: Transmission electron microscopy
DLS	: Dynamic light scattering
DSC	: Differential scanning calorimetry
TGA	: Thermo gravimetric analysis
XRD	: X-ray diffraction
UV-vis	: Ultra violet-visible
RAFT	: Reversible Addition Fragmentation Chain Transfer
ROP	: Ring-opening Polymerization
MTX	: Methotrexate
DOX	: Doxorubicin
DL	: Dalton lymphoma
Raji	: Human Burkitt's lymphoma