LIST OF ABBREVIATIONS

RA	: Rheumatoid arthritis
BPA	: Biphenylacetic acid
CRP	: C-reactive protein
COSY	: Correlation spectroscopy
COX	: Cycloxygenase
CDS	: Chemical delivery systems
DSC	: Differential scanning calorimetry
DMARDs	: Disease modifying anti-rheumatic drugs
ESR	: Erythrocyte sedimentation rate
EDC	: Ethyl dimethylaminopropyl carbodiimide
ESI	: Electro spray ionization
GAGs	: Glucosaminoglycans
HETCOR	: Heteronuclear correlation spectroscopy
IA	: Intra-articular
IR	: Infrared
ITLC	: Instant thin layer chromatography
i.v.	: Intravenous
IL	: Interleukin
MTT	: 3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NSAIDs	: Non-steroidal anti-inflammatory drugs
OA	: Osteoarthritis
PLGA	: Poly-lactide-co-glycolide
PLA	: Poly-*L*-lactic acid
PMR	: Proton nuclear magnetic resonance spectroscopy
SEM	: Scanning electron microscopy
^{99m}Tc	: Technetium^{99m}
TEM	: Transmission electron microscopy
TLC	: Thin layer chromatography
TNF	: Tumor necrosis factor
ROI	: Region of interest
SF	: Synovial fluid