

## Abbreviations

NSAIDs	Non-Steroidal Anti-Inflammatory Drugs
IL-1	Interleukin - 1
TNF	Tumor Necrosis Factor
PEG <sub>2</sub>	Prostaglandin E <sub>2</sub>
LTB <sub>4</sub>	Leukotriene B <sub>4</sub>
MMPs	Matrix Metalloproteinases
NO	Nitric Oxide
iNOS	Inducible NO synthase
TIMPs	Tissue Inhibitor Of Metalloproteinases
uPA	Urokinase-Like Plasminogen Activator
PAI-I	Plasminogen Activator Inhibitor-1
uPA-r	uPA receptor
MIP-1 $\beta$	Macrophage Inflammatory Protein-1 $\beta$
COX-2	Cyclooxygenase - 2
NF-kB	Nuclear Factor - KB
pKa	Acid Dissociation Constant
BMI	Body Mass Index
INR	International Normalized Ratio
WHO	World Health Organization
SYSADOA	Symptomatic Slow-Acting Drug In Osteoarthritis
EULAR	European league against rheumatism
TGF- $\beta$	Transforming Growth Factor
AUC	Area Under the Plasma Concentration Time Curve
C <sub>max</sub>	Maximum Plasma Concentration
Cl <sub>ren</sub>	Renal Clearance
t <sub>1/2<math>\beta</math></sub>	Terminal Elimination Half-Life
AUC <sub>0-<math>\infty</math></sub>	
ACR	American College of Rheumatology
VAS	Visual Analogue Scale
WOMAC Index	Western Ontario and McMaster Universities Arthritis Index
MEK/ERK	Mitogen-Activated Protein Kinase Kinase/Extracellular
ICE	Interleukin -1 Converting Enzyme
HPLC	High-Performance Liquid Chromatography
NA	Not Available
UV	Ultraviolet