

LIST OF ABBREVIATIONS

AA	Arachidonic Acid
Ab	Antibody
AEC	Apical Epithelial Cap
AUC	Area Under the plasma concentration time Curve
AO	Acridine Orange
cAMP	cyclic AMP
AP-2	Activator Protein-2
BL	Blastemal Stage/Blastema
BSA	Bovine serum albumin
COX	Cyclooxygenase
CPCSEA	Committee for the Purpose of Control and Supervision of Experiments on Animals
DF	Differentiation or Morphogenetic phase
DNA	Deoxyribonucleic acid
DTNB	5-5' dithiobis-2-nitrobenzoic acid
EGF	Epidermal Growth Factor
ECM	Extracellular Matrix
ERK1/2	Extracellular signal-Regulated Kinase1/2
FGF/fgf	Fibroblast growth factor
FITC	Fluorescein Isothiocyanate
GIGPx	Gastro-Intestinal Glutathione Peroxidase
cGPx	Cytosolic Glutathione Peroxidase
GPx	Glutathione Peroxidase
pGPx	Plasma Glutathione Peroxidase
GSH	Reduced Glutathione
GSSG	Glutathione disulfide
GST	Glutathione S-Transferase
IAEC	Institutional Animal Ethics Committee
IL	<i>In loco</i>
IP3	Inositol (1,4,5)-trisphosphate
JNK/SAPK	c-Jun N-terminal Kinase/Stress-Activated Protein Kinases
LOX	Lipoxygenase

MAPK	Mitogen-Activated Protein Kinases
MDA	MalonDiAldehyde
MMP-2	Matrix MetalloProteinase-2
MMP-9	Matrix MetalloProteinase-9
NGF	Nerve Growth Factor
NO	Nitric Oxide
NOS	Nitric-Oxide Synthases
NSAID	Non-steroidal anti-inflammatory drug
NF-IL-6	Nuclear Factor for Interleukin-6
PDGF	Platelet-Derived Growth Factor
PG	Prostaglandins
PGT	Prostaglandin Transporter
PGE ₂	Prostaglandin E2
cPLA ₂	Cytosolic Phospholipase
iPLA ₂	Ca ²⁺ -independent intracellular PLA ₂
sPLA ₂	Ca ²⁺ -dependent secretory PLA ₂
PPAR	Peroxisome Proliferator-Activated Receptor-γ
PBS	Phosphate Buffered Saline
PKA	Protein Kinase A
PKC	Protein Kinase C
PLA ₂	Phospholipase A2
Rb	Retinoblastoma Protein
ROS	Reactive Oxygen Species
RNA	Ribonucleic acid
SDS-PAGE	Sodium Dodecyl Sulfate-PolyAcrylamide Gel Electrophoresis
-SH	Sulphydryl group
Sp1	Specificity protein-1
TBA	ThioBarbituric Acid
TBARS	ThioBarbituric Acid Reactive Substance
TNB	5-thio-2-nitro benzoate
TNF	Tumour Necrosis Factor
WE	Wound Epithelium/Wound Healing