

LIST OF ABBREVIATIONS

ALK	Alkaloids
AIP	Alkaline Phosphatase
ANOVA	Analysis Of Variance
AO	Acridine Orange
AQ	Aqueous Fraction
BeOH	Butanol
BMC	Bone Mineral Content
BMD	Bone Mineral Density
BMP	Bone Morphogenic Proteins
BMUs	Bone Multicellular Units
BRU	Bone Remodelling Unit
CA	<i>Circuma Aromatica</i>
CaR	Calcium Receptor
CMC	Carboxy Methyl Cellulose
COX	Cyclooxygenase
DHA	Docosahexanoic Acid
DMEM	Dulbecco's Modified Eagle's Medium
E ₂	Estrogen
EB	Ethidium Bromide
EBV	Epstein Barr Virus
ELISA	Enzyme Linked Immunosorbent Assay
ER	Estrogen Receptor
ERT	Estrogen Replacement Therapy
EtOH	Ethanol
FBS	Fetal Bovine Serum
FGF	Fibroblast Growth Factor
GC MS	Gas Chromatography Mass Spectroscopy
HBSS	Hank's Balanced Salt Solution
HEPES	4-(2-Hydroxyethyl)-1-Piperazineethanesulfonic Acid
HIV	Human Immune Virus
HRT	Hormone Replacement Therapy
IGF	Insulin Like Growth Factor
IL	Interleukin
IOF	International Osteoporosis Foundation
L	Litre
LCPUFA	Long Chain Poly Unsaturated Fatty Acid
LG	<i>Litsea Glutinosa</i>
LPS	Lipopolysaccharide
M – CSF	Macrophage Colony Stimulating Factor
MeOH	Methanol
MIC	Minimum Inhibitory Concentration
ml	Mililitre
MMPs	Matrix Metalloproteinases
MO	<i>Moringa Oliefera</i>
MTT	3-(4,5-Dimethylthiazol-2-Yl)-2,5-Diphenyltetrazolium Bromide
NAQ	Non Aqueous Fraction
NF κ B	Nuclear Factor Kappa B
NO	Nitric Oxide

OCIF	Osteoclastogenesis Inhibitory Factor
OPG	Osteoprotegrin
OVX	Ovariectomized
PG	Prostaglandin
PNPP	Para Nitro Phenyl Phosphate
PTH	Parathyroid Hormone
RANK	Receptor Activated Nuclear Factor Kappa B
RANKL	Receptor Activated Nuclear Factor Kappa B Ligand.
ROS	Reactive Oxygen Species
S.E.M	Standard Error Mean
SEM	Scanning Electron Microscopy
Sham	Sham Operated
TA	<i>Terminalia Arjuna</i>
TGF	Transforming Growth Factor
TLC	Thin Layer Chromatography
TNF	Tumour Necrosis Factor
TRAcP	Tartrate Resistant Acid Phosphatase
WHO	World Health Organization