

ABBREVIATIONS

BSA	Bovine Serum Albumin
DAPI	4', 6-diamidino-2-phenylindole
DCFH-DA	2', 7'-Dichlorofluorescein Diacetate
DiOC ₆	3,3'-dihexyloxacarbocyanine iodide
DMEM	Dulbecco's modified eagles medium
DHE	Dihydroethidium
DNA	Medium Deoxyribonucleic Acid
ELISA	Enzyme Linked Immunosorbant Assay
FACS	Fluorescent-Activated Cell Sorting
FCS	Fetal Calf Serum
FTIR	Fourier Transform Infra Red
HBSS	Hanks' Balanced Salt Solution
H ₂ O ₂	Hydrogen peroxide
mRNA	messenger Ribonucleic Acid
MTT	3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NF-κB	Factor kappa B Near
O ₂ ^{•-}	Super oxide anion
PBS	Phosphate Buffered Saline
ROS	Reactive Oxygen Species
RPMI	Roswell Park Memorial Institute
SDS-PAGE	Sodium Dodecyl Sulphate Polyacrylamide Gel Electrophoresis
TBS	Tris Buffered Saline
TNF	Tumor Necrosis Factor
TPVG	Trypsin Versene Glucose
UV	Ultraviolet
Vis	Visible
ΔΨ _m	mitochondrial membrane potential
DPPH	2, 2-diphenyl-1-picrylhydrazyl
AAPH	2, 2'- azo-bis (2-amidinopropane) dihydropropane
TMRE	Tetramethyl rhodamine
ISO	Isoproterenol
MI	Myocardial Infarction
TBA	Thiobarbituric acid
CKMB	Creatine kinase Isoenzyme
LDH	Lactate dehydrogenase
GPT	Glutamate pyruvate transaminase
GOT	Glutamate oxaloacetate transaminase
ALKP	Alkaline Phosphatase
SOD	Superoxide dismutase
CAT	Catalase
GSH	Reduced Glutathione
LPO	Lipid peroxides