

1 LIST OF ABBREVIATIONS

2D	Two-dimensional
ABB	Annexin-Binding buffer
AD	Alzheimer's disease
APS	Ammonium persulphate
BCA	Bicinchoninic acid
BSA	Bovine serum albumin
BV2	Mouse immortalized microglial cells
CD	Cluster of differentiation
CNS	Central nervous system
COS-7	Monkey kidney cells
Cys	Cysteine
DCFH-DA	2,7-Dichlorofluorescein Diacetate
DMEM	Dulbecco's modified eagle's medium
DMSO	Anyhydrous dimethyl sulfoxide
DTT	Dithiothreitol
ECL	Enhanced chemiluminescence
EDTA	Ethylenediaminetetraacetic acid
eEFsec	Sec-specific elongation factor
EGFP	Enhanced green fluorescent protein
EtBr	Ethidium bromide
FACS	Fluorescence activated cell sorter
FBS	Fetal bovine serum
FITC	Fluorescein isothiocyanate
Gpx	Glutathione peroxidase
GSH	Glutathione
H ₂ O ₂	Hydrogen peroxide
HRP	Horseradish peroxidase
IFN γ	Interferon γ
iNOS	Inducible nitric oxide synthase
IPTG	Isopropylthio- β -galactoside
kDa	Kilodalton
LPS	Lipopolysaccharide
MTT	3-(4,5-Dimethylthiazol-2-yl)-2,5 diphenyltetrazolium Bromide
NCBI	National center for biotechnology information
NF-kB	Nuclear factor-kB
NO	Nitric oxide
PAGE	Polyacrylamide gel electrophoresis
PBS	Phosphate-buffered saline
PCR	Polymerase chain reaction
PD	Parkinson's disease

PE	Phycoerythrin
PI	Propidium iodide
PLS	Photostimulable luminescence units
PMSF	Phenylmethylsulfonyl fluoride
PS	Phosphatidylserine
RNAi	RNA interference
ROS	Reactive oxygen species
SAP	Shrimp alkaline phosphatase
SBP2	SECIS-binding protein 2
SDS	Sodium dodecyl sulfate
Se	Selenium
Sec	Selenocysteine
SECIS	Sec insertion sequence
SelP	Selenoprotein P
siRNA	Small interfering RNA
TCS	True confocal scanner
TEMED	N,N,N',N'-Tetramethylethylenediamine
tRNA	Transfer RNA
TrxR	Thioredoxin reductase
WB	Western blot
X-gal	5-Bromo-4-chloro-3-indolyl- β -D-galactoside