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LIST OF ABBREVIATIONS

ALP  Alkaline phosphatase  
ADP  Adenosine diphosphate  
ATP  Adenosine triphosphate  
BSA  Bovine serum albumin  
DTT  Dithiothreitol  
DTNB  5, 5′ – Dithiobis (2-nitrobenzoic acid)  
DMSO  Dimethyl sulphoxide  
EDTA  Ethylenediamine tetra acetic acid  
ETC  Electron transport chain  
GSH  Reduced glutathione  
GSSG  Oxidized glutathione  
iNOS  Inducible nitric oxide synthase  
MDA  Malondialdehyde  
MPO  Myeloperoxidase  
MPTP  Mitochondrial permeability transition pore  
MTX  Methotrexate
MTT 3-(4, 5-dimethylthiazole-2yl)-2, 5-diphenyl tetrazolium

NAD/NADP Nicotinamide adenine dinucleotide/ Nicotinamide adenine dinucleotide phosphate (oxidized form)

NADH/ NADPH Nicotinamide adenine dinucleotide/ Nicotinamide adenine dinucleotide phosphate (reduced form)

NO Nitric oxide

NOS Nitric oxide synthase

PARP Poly– ADP ribose polymerase

RCR Respiratory control ratio

ROS Reactive oxygen species

RNS Reactive nitrogen species

SOD Superoxide dismutase

SDS Sodium dodecyl sulphate

XO Xanthine oxidase
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