Some abbreviations from thesis

AASLD	American Association for the Study of Liver Diseases
ALI	Acute liver injury
ALT	Alanine aminotransferase
ANOVA	Analysis of Variance
APAP	Acetaminophen (N-acetyl-p-aminophenol)
ARE	Antioxidant response element
AST	Aspartate aminotransferase
CO	Carbon monoxide
CORM-A1	Carbon monoxide releasing molecule-A1
CPCSEA	Committee for the Purpose of Control and Supervision of Experiments on Animals
DAPI	4'-6-Diamidino-2-phenylindole
DCF-DA	Dichlorofluorescein Diacetate
DEPC	Diethyl pyro carbonate
dH_2O	Distilled Water
DHE	Dihydroethidium
DILI	Drug induced liver injury
DMEM	Dulbecco's Minimal Essential Media
DMSO	Dimethyl sulphoxide
ECAR	Extracellular acidification rate
EDTA	Ethylene diamine tetra acetate
ER	Endoplasmic reticulum

FBS	Fetal bovine serum
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
GCLC	Glutamate-cysteine ligase catalytic subunit
GCLM	Glutamate-cysteine ligase modifier subunit
H&E	Haemotoxylin and Eosin
HDL	High density lipoprotien
HFHF	High fat high fructose
HO-1	Hemeoxygenase-1
i.p.	Intraperitoneal
IAEC	Institutional Animal Ethical Committee
KDa	Kilo Dalton
LDL	Low density lipoprotein
LSDs	Lifestyle disorders
MMP	Mitochondrial membrane potential
Mt	Mitochondria
MTT	3-(4, 5-dimethylthiazolyl-2)-2, 5-diphenyltetrazolium bromide
NAC	N-acetyl cysteine
NAFLD	Nonalcoholic fatty liver diseases
NAPQI	N-acetyl-p-benzoquinone imine
NASH	Nonalcoholic steatohepatitis
NCBI	National center for biotechnology information
NQO1	NAD(P)H: quinone oxidoreductase1

Nrf2	Nuclear erythroid 2-related factor 2
OCR	Oxygen consumption rate
PA	Palmitic acid
PBS	Phosphate Buffered Saline
PCR	Polymerase chain reaction
ROS	Reactive Oxygen Species
SD	Standard diet
SEM	Standard error mean
t-BHP	Tert-Butyl hydroperoxide
TMRE	Tetra methyl rhodamine ethyl ester perchlorate
TPVG	Trypsin phosphate verses glucose