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LIST OF ABBREVIATIONS

^{o}C	degree celcius
β-NADPH	β-nicotinamide adenine nucleotide phosphate (reduced form)
µg	microgram
µl	microliter
µM	micromolar
µm	micron
AFB_1	aflatoxin B_1
$AlCl_3$	aluminium chloride
BSA	bovine serum albumin
bw	body weight
$CaCl_2$	calcium chlorode
CDNB	1-chloro-2, 4-dinitrobenzene
cm	centimeter
CPR	NADPH-cytochrome P450 reductase
$CuSO_4$	copper sulfate
CYP	cytochrome P450
DAPI	4', 6-diamidino-2-phenylindole dihydrochloride
DCPIP	2, 6-dichlorophenolindophenol
DI	deionized water
DMSO	dimethyl sulfoxide
DTT	dithiothreitol
DW	distilled water
EDTA	ethylene diamine tetraaceic acid
EGTA	ethylene glycol tetraacetic acid
FAD	flavin adenine dinucleotide
g	gram
GSH	glutathione (reduced form)

GST	glutathione-*S* transferase
hr	hour
HCl	hydrochloric acid
HEPES	4-(2-hydroxyethyl)-1-piperazine ethanesulfonic acid
i.p.	intraperitoneum
IgG	immunoglobulin G
KCl	potassium chloride
KCN	potassium cyanide
kg	kilogram
KH_2PO_4	potassium dihydrogen phosphate
$KNaC_4H_4O$	potassium sodium tartrate
KOH	potassium hydroxide
L	liter
M	molar
mg	milligram
$MgCl_2$	magnesium chloride
min	minute
ml	milliliter
mm	millimeter
mM	millimolar
MNHEPs	micronucleated hepatocytes
MI	mitotic index
N	normality
NaCl	sodium chloride
$NaHCO_3$	sodium bicarbonate
NAH_2PO_4	sodium dihydrogen phosphate
Na_2HPO_4	disodium hydrogen phosphate
Na_2CO_3	sodium carbonate
Na_2NO_3	sodium nitrite
NaOH	sodium hydroxide
NSS	normal saline solution
nm	nanometer

PBS	phosphate-buffered saline
PF	perfusion
PH	partial hepatectomy
PMSF	phenylmethanesulphonylfluoride
PNP	*p*-nitrophenol
rpm	rounds per minute
SDS-PAGE	sodium dodecyl sulfate-polyacrylamide gel electrophoresis
TCA	trichloroacetic acid
TEMED	tetramethylethylenediamine
UDP-GA	uridine 5'-diphospho-glucuronic acid
UGT	UDP-glucuronyltransferase

LIST OF SYMBOLS

α	alpha
β	beta
δ	delta
γ	gamma
λ	lamda
μ	micro