

## List of Abbreviations

µg:	Microgram
µl:	Micro litre
µM:	Micro molar
APL:	Acute promyelocytic leukemia
AsB:	Arsenobetaine
ATP:	Adenosine triphosphate
b.w.:	Body weight
BSA:	Bovine serum albumin
cAMP:	Cyclic adenosine monophosphate
CD:	Conjugated diene
Cm:	Centimetre
BBE:	<i>Bellamyia bengalensis</i> extract
CS:	<i>Camellia sinensis</i>
DEM:	Diethyl maleate
DMA:	Dimethylarsinic acid
DMPS:	2, 3, dimercaptopropane sulfonate
DMSA:	meso 2, 3, dimercaptosuccinic acid
DNA:	Deoxyribonucleic acid
DTNB:	5-5' dithiobis-2-nitrobenzoic acid
EO:	<i>Emblica officinalis</i>
GSH:	Reduced glutathione
GSSG:	Oxidized glutathione
hr.:	Hour
IU:	International unit
Kd:	Kilodalton
Kg:	Kilogram
l:	Litre
m:	Metre
M:	Molar
MDA:	Malondialdehyde
min.:	Minute
ml:	Milliliter
MMA:	Monomethylarsonic acid

mmole:	Milli molar
N:	Normal
nmole:	Nanomole
NPSH:	Non protein soluble thiol
P:	Probability
pM:	Pico molar
ppm:	Parts per million
RBC:	Red blood cell
WBC:	White blood cell
ROS:	Reactive oxygen species
RNA:	Ribonucleic acid
rpm:	Revolution per minute
SAM:	S-Adenosyl methionine
SD:	Standard deviation
SEM:	Standard error of mean
SOD:	Superoxide dismutase
TBA:	Thiobarbituric acid
TBARS:	Thiobarbituric acid reactive substances
-SH:	Thiol
LDH:	Lactate dehydrogenase
TCA:	Tri-chloro acetic acid
w/v:	Weight/Volume
As:	Arsenic
As (III):	Arsenite
As (V):	Arsenate
PAS:	Periodic acid- Schiff
NO:	Nitric oxide
ALT:	Alanine aminotransferase
AST:	Aspartate aminotransferase
DC:	Differential count
TC:	Total count

TEMED: Tetramethylethylenediamine

ELISA: Enzyme-linked immunosorbent assay

NBT: **Nitro blue tetrazolium**