

## List of Abbreviations

Abbreviation	Term
μg	microgram(s)
μl	microliter(s)
μM	micromolar
γ	gramma
ABTS	2, 2'-azobis (3-ethylbezothiazoline 6-sulphonate)
As	arsenic
AST	aspartate aminotransferase
ALT	alanine aminotransferase
ALP	alkaline phosphatase
BUN	blood urea nitrogen
BW	body weight
Cd	cadmium
cm	centimeter
CMV	cytomegalovirus
CTL	cytotoxic T lymphocyte
dl	deciliter (s)
DNA	deoxyribonucleic acid
DPPH	1,1-diphenyl-2-picrylhydrazyl
EDTA	ethylenediaminetetraacetic acid
e.g.	exempli gratia
et al.	et alli
Fe-NTA	ferric nitrilotriacetic acid
fl	femtoliter (s)
g	gram(s)
Hb	hemoglobin
HEK-N/F	human epidermal keratinocytes-Neonatal/Foreskin
HCT	hematocrit
Hg	mercury
HIV	human immunodeficiency virus

### List of Abbreviations (Continued)

<b>Abbreviation</b>	<b>Term</b>
HOS-1	human osteosarcoma cell line
HPLC	high performance liquid chromatography
H <sub>2</sub> O <sub>2</sub>	hydrogen peroxide
hr	hour
HSV	herpes simplex virus
IC <sub>50</sub>	concentration causing 50% inhibitory effect
kg	kilogram(s)
LD <sub>50</sub>	median lethal dose
LPO	lipid peroxidation
M	molar
MBC	mean bactericidal concentration
MCF-7	human breast adenocarcinoma cell line
MCHC	mean corpuscular hemoglobin concentration
MCMV	murine cytomegalovirus
MCV	mean corpuscular volume
mg	milligram(s)
MIC	mean inhibition concentration
min	minute(s)
ml	milliliter(s)
mM	millimolar(s)
MTT	3-(4,5-Dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
n	number
<i>n</i> -BuOH	<i>n</i> - butanol
NiCl <sub>2</sub>	nickel chloride
nm	nanometer (s)
OECD	the organization of economic co-operation and development
Pb	lead

### List of Abbreviations (Continued)

<b>Abbreviation</b>	<b>Term</b>
PC 3	human prostate cancer cell line
PNTIA	immortalized human prostate cell line
ppm	part per million
RBC	red blood cell
rpm	round(s) per minute
SEM	standard error of mean
SOD	superoxide dismutase
TBARS	thiobarbituric acid reactive substances
t-BuOH	tert-butyl hydroperoxide
<i>T. chebula</i>	<i>Terminalia chebula</i> Retz.
<i>T. bellerica</i>	<i>Terminalia bellerica</i> (Gaertn.) Roxb.
TRFs	terminal restriction fragments
UVB	ultraviolet B
WBC	white blood cell
WHO	the World Health Organization