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ABBREVIATIONS

AIDS	Acquired immune deficiency syndrome	IBA	Indole-3- butyric acid
BA	Benzyl adenine	iNOS	Inducible nitric oxide synthase
BAP	Benzyl aminopurine	2-iP	Isopentyl adenine
BHA	Butylated hydroxyl anisole	LSM	Lymphocyte separation media
		MIC	Minimum inhibitory concentration
BHT	Butylated hydroxyl toluene	MCF-7	Breast cancer cell line
cGMP	Cyclic guanine monophosphate	MES	Maximal electroshock
Caco-2	Colorectal cancerous cells	MS	Mushirage and Skooge
CRC	Colorectal cancer	MCC	Mitomycin C
CWE	Cell wall elicitors	4-	4- Nitroquinoline –N- oxide
		NQO	
2, 4-D	2,4- Dichlorophenoxy acetic acid	2-NP	2- Nitropropane
DMSO	Dimethyl sulfoxide	NAA	Naphthyl acetic acid
DPPH	1,1-Diphenyl-2-picrylhydrazyl	NDR	Nile Delta rRegion
DTH	Delayed type hypersensetivity	NIH-3T3	Mouse embryonic fibroblasts
EPB	Epoxypseudo isoeugenol-2-methyl butyric acid	NCI-H460	Human lung cancer cell line
EC₅₀	Effective concentration 50	PBMCs	Peripheral blood mononucleular cells
EC₁₀₀	Effective concentration100	PE-S	Petroleum ether soluble
FRAP	Ferric reducing antioxidant power	PE-I	Petroleum ether insoluble
FBS	Fetal bovine serum	PTZ	Pentylene tetrazole
5-FU	5- fluororacil	PVX	Potato virus X
GABA	Gamma aminobutyric acid	PBS	Phosphate buffered saline
GA	Gibberellic acid	PBL	Peripheral blood leukocytes
		RI	Retention index
GC/MS	Gas chromatography/ Mass spectroscopy	RAPD	Random amplified polymorphic DNA
HIV	Human immunodeficiency virus	RA	Rosmarinic acid
HEPES	N-2-hydroxyethylpiperazine-N'-2-ethansulfonic acid	ROS	Reactive oxygen species
HEP-2	Human laryngeal epithelial carcinoma cell line	SF-268	Human glioma and asrtocytoma cancer cell line
HepG-2	Hepatocellular carcinoma cell line	SOD	Superoxide dismutase
Hela	Cervical cancer cell line	SARS	Severe acute respiratory syndrome
HL-60	Promeylocytic leukemia cell line	TNF	Tumor necrosis factor
HCC	Hepatocellular carcinoma		

HA	Haemagglutination antibody	TAG	Triacyl glycerol
HT-144	Human malignant melanoma cell line	TDZ	Thidiazuran
IAA	Indole-3- acetic acid	TMV	Tobacco mosaic virus
IC₅₀	Inhibitory concentration 50	TRSV	Tobacco ring spot virus
IL	Interleukin	UVC	Ultraviolet C