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Abbreviations

ACE	Angiotensin-converting-enzyme
Act-D	Actinomycin-D
ADCC	Antibody-dependent cellular cytotoxicity
AhR	Aryl hydrocarbon receptor
AIDS	Acquired immuno deficiency syndrome
AIP	AhR interacting protein
ARNT	AhR nuclear translocator
BSA	Bovine serum albumin
CARS	Childhood autism rating scale
CDC	Complement-dependent cytotoxicity
CDR3	Complementarity-determining region 3
CH1	First heavy-chain constant domain
CH2	Second heavy-chain constant domain
CTL	Cytotoxic T lymphocytes
CWP	Camel whey protein
DAPI	4',6-diamidino-2-phenylindole
DMSO	Dimethylsulfoxide
DNA	Deoxyribonucleic acid
DR4	Death receptor 4
EDTA	Ethylene diamine tetraacetic acid
ERK	extracellular-signal-regulated kinase

FBS	Fetal bovine serum
FDR	false discovery rate
FPLC	Fast protein liquid chromatography
GABA	gamma-aminobutyric acid
GSTA1	Glutathione S-transferase A1
HAMLET	Human α-lactalbumin made lethal to tumor cells
HbA1c	Glycated haemoglobin
HSP	Heat shock protein
IDDM	Insulin dependent diabetes mellitus
INF	Interferon
JNK	c-Jun N-terminal kinase
LC-MS/MS	Liquid chromatography with tandem mass spectrometry
LF	Lactoferrin
MAPKs	mitogen-activated protein kinase
MTT	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NCBI	National center for biotechnology information
NQO1	NAD (P) H:quinone-oxidoreductase 1
PAH	Polycyclic aromatic hydrocarbon
PBS	Phosphate buffer saline
PDB	Protein data bank
PMVs	Plasma membrane vesicles
pNA	para-nitroaniline
PRP	Peptidoglycan recognition protein

PSM	Peptide-spectrum match
RNA	Ribonucleic acid
ROS	Reactive oxygen species
rpm	Revolutions per minute
SDS-PAGE	Sodium dodecyl sulfate polyacrylamide gel electrophoresis
TCDD	2,3,7,8-tetrachlorodibenzo-p-dioxin
TCEP	tris(2-carboxyethyl)phosphine
TNF	Tumor necrosis factor
TRAIL	TNF-related apoptosis-inducing ligand
VHs	Variable - Heavy - Heavy
XAMLET	a term for anti-cancer molecule of α-lactalbumin with oleic acid, across the mammalian species
XRE	Xenobiotic-responsive element