

## LIST OF ABBREVIATIONS

3-MA	3-Methyl adenine
APS	Ammonium per sulphate
ATCC	American type culture collection
Atg	Autophagy-related (Atg) proteins
ATP	Adenosine tri-phosphate
bp	Base pair
cDNA	Complementary deoxyribonucleic acid
cFLIPL (cFLIP <sub>L</sub> )	Cellular flce like inhibitory protein large isoform
cFLIP <sub>L</sub> <sup>KD</sup>	Knockdown of cFLIP large isoform
CHX	Cycloheximide
Cyto c	Cytochrome c
D/W	Distilled water
DAPI	4',6-Diamidino-2-phenylindole dihydrochloride
DD	Death domain
DED	Death effector domain
DIC	Differential interference contrast
DISC	Death inducing signaling complex
DMSO	Dimethyl sulphoxide
DNA	Deoxyribonucleic acid
DR	Death receptor
ETP	Etoposide
FADD	Fas associated death domain
FBS	Fetal bovine serum
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
GFP	Green fluorescent protein
h	Hour
His	Histidine
IB	Immunoblotting
IP	Immunoprecipitation
IPTG	Isopropyl β-D thio galactopyranoside
JNK	c-Jun N terminal kinase
Kb	Kilobase
kDa	Kilodalton
L/ ml/ μl	Litre/ milliliter/ microliter
LA	Luria agar
LB	Luria broth
LC3	Microtubule-associated protein light chain 3
LDH	Lactate dehydrogenase
LPS	Lipopolysaccharide
MALDI-TOF	Matrix associated light desorption/ionization- Time of flight
Min.	Minutes
MMP	Mitochondrial membrane potential
MOM	Mitochondrial outer membrane
MTT	Thiazolyl Blue Tetrazolium Bromide
MW	Molecular weight
NAC	N-acety cysteine
Nec-1	Necrostatin 1
NF-κB	Nuclear factor kappa B

Ni-NTA	Nickel-Nitrilotriacetic acid
°C	Degree centigrade
PI	Propidium iodide
PIC	Protease inhibitor cocktail
PMSF	Phenylmethanesulfonyl fluoride
PSN	Penicillin, Streptomycin and Neomycin
Rapa	Rapamycin
RE	Restriction enzyme
RFP	Red fluorescent protein
RIP	Receptor interacting protein
RNA	Ribonucleic acid
ROS	Reactive oxygen species
RT-qPCR	Real time quantitative PCR
SOD	Superoxide dismutase
tBid	Truncated Bid
TNF	Tumor necrosis factor
Ub	Ubiquitin
YFP	Yellow fluorescent protein
Å	Angstrom
ER	Endoplasmic reticulum
Mito	Mitochondria
M/ mM/ $\mu$ M	Molar/ millimolar/ micromolar
Nm	Nanometer
OD	Optical Density
Tris	Tris (hydroxymethyl) aminomethane buffer
WT	Wild type
Ex	Excitation
Em	Emission
H <sub>2</sub> -DCFDA	2',7'-Dichlorofluorescein diacetate
Mut.	Mutant
DM	Double mutant
JC-1	5,5',6,6'-Tetrachloro-1,1',3,3'-tetraethyl-imidacarbocyanine iodide

Note: The full forms of several rarely used abbreviations have been described within the text.