

List of Abbreviations

<i>Abbreviation</i>	<i>Full form</i>
AD	Alzheimer's Disease
ALS	Amyotrophic Lateral Sclerosis
AMFR	Autocrine Motility Factor Receptor
ATP	Adenosine Triphosphahate
Bax	Bcl-2-Associated X Protein
BSA	Bovine Serum Albumin
CAG	Cytosine Adenine Guanine
CDKs	Cyclin Dependent Kinase
CFTR	Cystic Fibrosis Transmembrane Conductance Regulator
CUE	Coupling of Ubiquitin Conjugation to the ER Degradation
DAPI	4', 6-Diamidino-2-Phenylindole
DGAT2	Diacylglycerol Acyltransferase Isoform 2
DMEM	Dulbecco's Modified Eagle's Medium
DMSO	Dimethyl Sulphoxide
DNA	Deoxyribonucleic Acid
EDTA	Ethylene Diamine Tetra Acetate
ER	Endoplasmic Reticulum
ERAD	ER Associated Degradation
E6-AP	E6-Associated Protein
FDA	Food and Drug Administration
FITC	Fluorescein Isothiocyanate
GFP	Green Fluorescence Protein
Gp78	Glycoprotein 78
G2BR	Ube2g2 Binding Region
H ₂ O ₂	Hydrogen Peroxide
HD	Huntington's Disease
HECT	Homologous to E6-AP Carboxyl Terminal
HMGCR	3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase
HS	Heat Shock
HSE	Heat Shock Regulatory Element
HSF1	Heat-Shock Transcription Factor 1
Hsp70	Heat Shock Protein 70
JNK	C-Jun N-Terminal Kinase
KAI1	Kangai1
kDa	Kilo Dalton
MAPK	Mitogen-Activated Protein Kinase
mRNA	Messenger Ribonucleic Acid
MSVMDCK	Moloney Sarcoma Virus (Mos)-Transformed MDCK
MTT	3-(4, 5-Dimethylthiazol-2-yl)-2, 5-Diphenyltetrazoliumbromide
MTOC	Microtubule-Organizing Centre
NRF2	Nuclear Factor Erythroid 2-Related Factor 2
PBS	Phosphate Buffered Saline
PCR	Polymerase Chain Reaction
PHD	Plant Homeodomain
PQC	Protein Quality Control System
Q	Glutamine
QC	Quality Control
RA	Retinoic Acid
RING	Really Interesting New Gene
RNF45	RING Finger Protein 45
ROCK2	Rho-Associated Coiled-Coil Protein Kinase 2
SCA	Spinocerebellar Ataxia

SD	Standard Deviation
SDS-PAGE	Sodium Dodecyl Sulfate-Polyacrylamide Gel Electrophoresis
siRNA	Small Interfering RNA
SOD1	Superoxide Dismutase 1
STING	Stimulator of Interferon Gene
TBST	Tris- Buffered Saline with Tween-20
TUNEL	Terminal Deoxynucleotidyl Transferase dUTP Nick End-Labeling
Ub	Ubiquitin
UPR	Unfolded Protein Response
UPS	Ubiquitin Proteasome System
VLDL	Very Low-Density Lipoproteins