

# List of Abbreviations

A $\beta$ :	Amyloid Beta
AD:	Alzheimer's Disease
AP1:	Activating Protein 1
APP:	Amyloid Precursor protein
Atg5:	Autophagy protein 5
$\alpha$ NGF:	Anti-Nerve Growth Factor
Bax:	Bcl-2 associated x protein
Bcl2:	B-cell lymphoma 2
Bim:	Bcl-2 interacting mediator of cell death
BSA:	Bovine serum albumin
ChIP:	Chromatin Immunoprecipitation
CTCF:	Corrected Total Cell Fluorescence
DIV:	Days in vitro
DMEM:	Dulbecco's modified Eagle medium
DMSO:	Dimethyl Sulphoxide
EDTA :	Ethylenediaminetetraacetic acid
EGTA:	Ethylene glycol tetraacetic acid
ER:	Endoplasmic Reticulum
ERK:	Extracellular signal regulated kinase
E18:	Embryonic day 18
FoxO:	Fork head transcription factor O
GFP:	Green fluorescent protein
HFIP:	1,1,1,3,3,3-hexafluoro-2-propanol
HRP:	Horse radish peroxidase
IP:	Immunoprecipitation

LC3:	Light chain3
3MA:	3Methyladenine
mTOR:	mammalian target of Rapamycin
NFDM:	Non Fat Dry Milk
NGF:	Nerve Growth Factor
OD:	Optical density
OE:	Over expression
ORF:	Open reading frame
PAGE:	Polyacrylamide gel electrophoresis
PARP:	poly ADP Ribose polymerase
PBS:	Phosphate Buffer saline
PC12:	Pheochromocytoma 12
PCR:	Polymerase Chain Reaction
qRT-PCR:	Quantitative Real Time-PCR
PD:	Parkinson's Disease
PDL:	Poly D-Lysine
PenStrep:	Penicillin Streptomycin
PFA:	Paraformaldehyde
RT:	room temperature
SDS:	Sodium dodecyl sulphate
shRNA:	Short hairpin RNA
TRB3/Trib3:	Tribbles3
5'-UTR:	5' Untranslated Region
ULK1:	Unc-51 Like Autophagy Activating Kinase 1