DAFTAR ISI

DAFTAR GAMBAR

DAFTAR TABEL

DAFTAR SINGKATAN

AβPP	= *Amyloid-β Protein Precursor*
AchE	= Asetilkolinesterase
AMPK-JNK	= *AMP-Activated Protein Kinase- c-Jun N-Terminal Kinase*
APP	= *Amyloid Precursor Protein*
BACE1	= Enzim Beta-sekretase 1
BBB	= *Blood Brain Barrier*
BchE	= Butirilkolinesterase
BPA	= *Bisphenol A*
BrdU	= 5-bromo-2'-deoksiuridin
CCA	= *Common Carotid Artery*
CHD	= Protein *Chromodomain Helicase DNA-binding*
COPD	= *Chronic Obstructive Pulmonary Disease*
CoREST	= *Corepressor* of *RE1 Silencing Transcription Factor*
CREB	= *cAMP Response Element Binding Protein*
DCX	= Protein *Doublecortin* (pada *Homo sapiens, Mus musculus* dan *Rattus novergicus*)
DCX	= Gen *Doublecortin* (pada *Homo sapiens*)
Dcx	= Gen *Doublecortin* (pada spesies *Mus musculus* dan *Rattus novergicus*)
DNA	= *Deoxyribonucleic Acid*
EGCG	= *Epigallocatechin Gallate*
eIF4A	= *Eukaryotic Initiation Factor 4A*
ESC	= *Embryonic stem cell*
Gfap	= Gen *Glial Fibrillary Acidic Protein*
GPx	= Glutation Peroksidase
GR	= Glutation Reduktase
GSH	= Glutation
GSK3β	= Protein *Glycogen Synthase Kinase 3 Beta*
GST	= *Glutathione-S-Transferase*

GWI	= *Gulf War Illness*
HAT	= Enzim Histon Asetiltransferase
HDAC	= Enzim Histon Deasetilase
HDACI	= Histon Deasetilase Inhibitor
Hdac2	= Gen Histon Deasetilase 2 (pada spesies *Mus musculus* dan *Rattus novergicus*)
HDAC2	= Protein Histon Deasetilase 2 (pada *Homo sapiens, Mus musculus* dan *Rattus Novergicus*)
HDAC2	= Gen Histon Deasetilase 2 (pada *Homo sapiens*)
Hdac2	= Gen Histon Deasetilase 2 (pada *Mus musculus* dan *Rattus Novergicus*)
hUC-MSCs	= *Human umbilical cord mesenchymal stem cell*
Iba-1	= *Ionized Calcium-Binding Adaptor Molecule 1*
ICDH	= Isositrat Dehidrogenase
IFN-ϒ	= Interferon Gamma
IL-1β	= Interleukin 1 Beta
IL-6	= Interleukin 6
MAP2	= Protein *Microtubule-Associated Protein* 2 (pada *Homo sapiens, Mus musculus*, dan *Rattus novergicus*)
MAP2	= Gen *Microtubule-Associated Protein* 2 (pada *Homo sapiens*)
Map2	= Gen *Microtubule-Associated Protein* 2 (pada spesies *Mus musculus* dan *Rattus novergicus*)
MCAO	= *Middle Cerebral Artery Occlusion*
MDA	= Malondialdehid
mNSS	= *Modified Neurological Severity Score*
MPTP	= *1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine*
MSC	= *Mesenchymal Stem Cell*
MTA1/2/3	= *Metastatic Tumor Antigen* Tipe 2/3
m-TOR	= *The Mammalian Target of Rapamycin*
nAChR	= *Nicotinic Acetylcholine Receptors*

NeuN	= Gen *Neuronal Nuclei*
NF-κB	= *Nuclear Factor Kappa-Light-Chain-Enhancer of Activated B Cells*
NICD	= *Notch Intracellular Domain*
NPC	= *Neuronal Progenitor Cell*
NSC	= *Neural Stem Cell*
N-CoR	= *Nuclear receptor corepressor*
NO	= Nitrit Oksida
NuRD	= *Nucleosome Remodeling Deacetylase*
Pax6	= Gen *Paired Box 6*
PCR	= *Polymerase Chain Reaction*
PLPP	= Piridoksal Fosfat Fosfatase
Psen1	= Gen *Presenilin 1*
qRT-PCR	= *Real-Time Quantitative Reverse Transcription PCR*
RAR	= *Retinoic Acid Receptor*
RNA	= *Ribonucleic Acid*
ROS	= *Reactive Oxygen Species*
RTL	= *Retention Transfer Latency*
SBVS	= *Structure-Based Virtual Screening*
SGZ	= *Subgranular Zone*
SMRT	= *Silencing Mediator for Retinoid and Thyroid Receptor*
SNEDDS	= *Self Nanoemulsifying Drugs Delivery*
SOD	= Superoksida Dismutase
Stat-3	= Gen *Signal Transducer and Activator of Transcription 3*
STZ	= *Streptozotocin*
SVZ	= *Subventricular Zone*
T_3R	= *Thyroid Hormone Receptor*
TGFβ1	= *Transforming Growth Factor Beta 1*
TH	= Tirosin Hidroksilase
TNF-α	= *Tumor Necrosis Factor-Alfa*
TSA	= *Trichostatin A*

UCH-L1	= *Ubiquitin C-Terminal Hydrolase L1*
wnt3a	= *Wnt Family Member 3A*