List of abbreviations

5-HT- 5-Hydroxytryptamine
ACTH - Adrenocorticotropic hormone
AD - Alzheimer’s disease
ANOVA - Analysis of variance
APP - Amyloid precursor protein
ARS - Acute Restraint Stress
BDNF - Brain derived neurotrophic factor
CAT - Catalase
CI - Cerebral ischemia
CORT - Corticosterone
COX- 2 - Cyclooxygenase-II
CPP-3-((R)-2-Carboxypiperazin-4-yl)-propyl-1-phosphonic acid
CRH - Corticotrophin-releasing hormone
CUMS - Chronic unpredictable mild stress
DA - Dopamine
DSM-IV - Diagnostic and Statistical Manual of Mental Disorders,
ELISA - Enzyme-linked immunosorbent assay
FST - forced swim test
GABA - Gamma amino butyric acid
GSH - Reduced glutathione
HPA-axis - Hypothalamic-pituitary-adrenal axis
IAEC - Institutional Animal Ethics Committee
IFN - Interferon
IL-6 - Interleukin

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LPO - Lipid peroxidation
MAO-A - Monoamino oxidase-A
MAO-B - Monoamino oxidase-B
MAOIs - Monoamino oxidase Inhibitors
MDA - Malondialdehyde
MDD - Major depressive disorder
NE - Norepinephrine
NMDA - N-methyl-D-aspartate
NO - Nitric oxide
NPSH - Nonprotein thiols
NSB - Non-specific binding
OBX - Olfactory bulbectomy
OFT - Open-field test
PBS - Phosphate buffer solution
PCA - Protocatechuic acid ethyl ester
PD - Parkinson’s disease,
SAD - Seasonal affective disorder
SEM - Standard error of the mean
SOD - Superoxide dismutase
SPT - Sucrose preference test
SSRIs - Selective Serotonin Reuptake Inhibitors
TCA - Tricyclic antidepressants
TNFα - Tumor necrosis factor-alpha
TNFβ - Tumor necrosis factor-beta
WHO - World health organization

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