

LIST OF ABBREVIATIONS

Abbreviations	Full forms
AChE	Acetylcholinesterase
ANOVA	Analysis of variance
BChE	Butyrylcholinesterase
CMC	Carboxymethyl cellulose
CAECU	Central Animal Ethical Committee of the University
CNS	Central Nervous System
DA	Dopamine
ELISA	Enzyme Linked Immunosorbant Assay
FDA	Food and Drug Administration
GABA	Gamma Amino Butyric Acid
HPA axis	Hypothalamic-Pituitary-Adrenal axis
MAO	Monoamine oxidase
NMDA	N-methyl-D-aspartate
BZDs	Benzodiazepines
NE	Norepinephrine
NO	Nitric oxide
iNOS	Inducible nitric oxide synthase
NF-kB	Nuclear factor kappa beta
p.o.	Per oral
SSRIs	Selective Serotonin Reuptake Inhibitor
5-HT	5-Hydroxytryptamine
SEM	Standard Error of Mean

TCA	Tricyclic antidepressant
TNF- α	Tumor Necrosis Factor-alpha
WHO	World Health Organization
IGF-1	Insulin-Like Growth Factor 1
AMPK	AMP-activated protein kinase
ROS	Reactive Oxygen Species
NAD	Nicotinamide adenine dinucleotide
GOT	Glutamate oxaloacetate transaminase (Aspartate transaminase)
GPT	Glutamate pyruvate transaminase (Alanine transaminase)
OCTs	Organic Cation Transporters
MATEs	Multidrug and Toxin Extrusion Transporters
PMAT	Plasma Membrane Monoamine Transporter

LIST OF SYMBOLS

Symbols	Denotes
α	Alpha
β	Beta
dl	Decilitre
$^{\circ}\text{C}$	Degree Celsius
g	Gram
Hz	Hertz
hr	Hour
kg	Kilogram
IU	International Units
μg	Microgram
mA	Milliampere
mg	Milligram
ml	Millilitre
μl	Microlitre
min	Minute
ng	Nanogram
%	Percentage
\pm	Plus minus
s	Second
w/v	Weight/volume
w/w	Weight/weight
W	Watt
$\times\text{g}$	Times gravity