

ABBREVIATIONS

- ACh- Acetylcholine
ACTH- Adrenocorticotropic hormone
Adr-Adrenaline
ANOVA- Analysis of variance
ANS- Autonomic nervous system
BDZ- Benzodiazepine
BLA- Basolateral complex
BMR- Basal metabolic rate
BNST- Beed nucleus of stria terminalis
BP- Blood pressure
CAD- Cerebral artery disease
CCK- Cholecystokinin
CDRC- Cumulative dose response curve
CeA- Central nucleus of amygdala
CNS- Central nervous system
CRF- Corticotrophin releasing factor
CS- Conditioned aversive stimuli
CVS- Cardiovascular system
DA- Dopamine
DBP- Diastolic blood pressure
DL-H- DL-Homocysteine
DMN-Dorsal motar nucleus
DOCA- Deoxycorticosterone acetate
DPAG- Dorsolateral periaqueductalgray
DRN- Dorsal raphe nucleus
DSM-IV- Diagnostic and statistical manual for mental disorders-IVth EDITION
EAF- Ethyl acetate fraction of methanolic extract of fenugreek seeds
EPM- Elevated plus maze
ETM- Elevated T maze
F- Fructose

FDA- Food Drug Authority
GABA-Gamma-amino butyric acid
GAD- Generalised anxiety disorder
GCMS- Gas chromatography mass spectroscopy
Glu- Glutamate
gm- Gram
GPCR- G-protein coupled receptor
h - hour
HAB- Habenula
HFCS- High fructose corn syrup
HPA- Hypothalamo pituitary axis
Hyp- Hypothalamus
ICD-10- International classification of diseases-10th revision
i.p. – Intraperitoneal
i.v. -Intravenous
JNC-VII- Joint national committee- 7th report on prevention, detection, evaluation and treatment of high blood pressure
KCl- Potassium chloride
KGE- Korean ginseng extract
LC- Locus coeruleus
LDA- Light dark apparatus
LS/VH- Lateral septum/ Venteral hippocampus
MBP- Mean blood pressure
*m*CPP-meta-Chlorophenylpiperazine
MD/DH- Medial septum /Dorsal hippocampus
ME- Methanolic extract of fenugreek seeds
MF- Methanolic fraction of methanolic extract of fenugreek seeds
MRN- Medial raphe nuclei
NA- Noradrenaline
NC-IUPHAR- Serotonin receptor nomenclature of the International Union of Pharmacology
NEFA- Nonestrified fatty acids
NOA- Non opioid analgesia
NOC- Nociceptive control mechanisms

NRO- Nucleus raphe obscurus
NTS-Nucleus tractus solitarius
OCD-Obsessive compulsive disorder
OFA-Open field apparatus
PAG- Periaqueductalgray
PBG- Phenylbiguanide
PBN- Parabrachial nucleus
pCO₂- partial pressure of carbondioxide
PD-Panic disorder
PE- Petroleum ether extract of ginger rhizome
PFC- Prefontal cortex
PhE- Phenylepherine
p.o. – per oral
PPE- *Panax pseudoginseng* extract
PRA- Plasma renin activity
PTSD- Posttraumatic stress disorder
PVN- Paraventricular nucleus
RAS- Reticuloactivating system
RPC- Reticulopontine nucleus of the reticular formation
Rpm- Revolutions per minute
SBP- Systolic blood pressure
SC- Superior colliculus
SR- Startle response
SSRI- Selective serotonin reuptake inhibitor
TCA-Tricyclic antidepressant
TF- Toluene fraction of petroleum ether extract of ginger rhizome
UK-United Kingdom
US- United States
VMA-Vanillyl mandelic acid
VPAG- Ventrolateral periaqueductalgray
VSMC- Vascular smooth muscle cell
5-HT- 5-Hydroxy tryptamine