

## ABBREVIATIONS

ANOVA	:	Analysis of variance
ATP	:	Adenosine triphosphate
BK	:	Bradykinin
CCI	:	Chronic constriction injury
CGRP	:	Calcitonin gene-related peptide
CNS	:	Central nervous system
COX	:	Cyclooxygenase
DM	:	Diabetes Mellitus
DNP	:	Diabetic neuropathic pain
DPN	:	Diabetic peripheral neuropathy
DRG	:	Dorsal root ganglion
EAA	:	Excitatory amino acids
GFAT	:	Glutamine fructose-6 phosphate amidotransferase
GSH	:	Reduced glutathione
5-HT	:	5-Hydroxytryptamine
IAEC	:	Institutional animal ethics committee
IASP	:	International association for the study of pain
IL	:	Interleukin
IDDM	:	Insulin dependent diabetes mellitus
INSA	:	Indian national science academy
L-NAME	:	L-Nitro arginine methyl ester
JNK	:	Janus kinase
MAPK	:	Mitogen activated protein kinase
MCP	:	Monocyte chemoattractant protein
MIP	:	Macrophage inflammatory protein
NA	:	Noradrenaline
NADPH	:	Nicotinamide adenosine dihydrogen phosphate

NF-kB	:	Nuclear factor-kappa-B
NGF	:	Nerve growth factor
NMDA	:	N-methyl-D-aspartate
NO	:	Nitric oxide
NOS	:	Nitric oxide synthase
iNOS	:	Inducible Nitric Oxide
NP	:	Neuropathic pain
NSAIDs	:	Non-steroidal anti-inflammatory drugs
-ONOO·	:	Peroxy-nitrite
<i>p.o.</i>	:	per oral
PGHS	:	Prostaglandin endoperoxide synthase
PGs	:	Prostaglandins
PHN	:	Post-herpetic neuralgia
PK	:	Protein kinase
PMNs	:	Polymorphonuclear granulocytes
PDN	:	Painful diabetic neuropathy
PNL	:	Partial nerve ligation
PNS	:	Peripheral nervous system.
PTN	:	Pain transmission neurons.
PTX	:	Pentoxifylline
PWL	:	Paw withdrawal latency.
ROS	:	Reactive oxygen species
RNS	:	Reactive nitrogen species.
ROS	:	Reactive oxygen species.
SNL	:	Spinal nerve ligation.
SNRI	:	Selective norepinephrine reuptake inhibitors.
SOD	:	Superoxide dismutase.
SP	:	Substance P.

STZ	:	Streptozotocin
TBARS	:	Thiobarbituric acid reactive substances.
TCAs	:	Tricyclic antidepressants.
TGF	:	Transforming growth factor
TRADD	:	TNF alpha receptor activated dead domain
TNF	:	Tumor necrosis factor.
VEGF	:	Vascular endothelial growth factor
WHO	:	World health organization