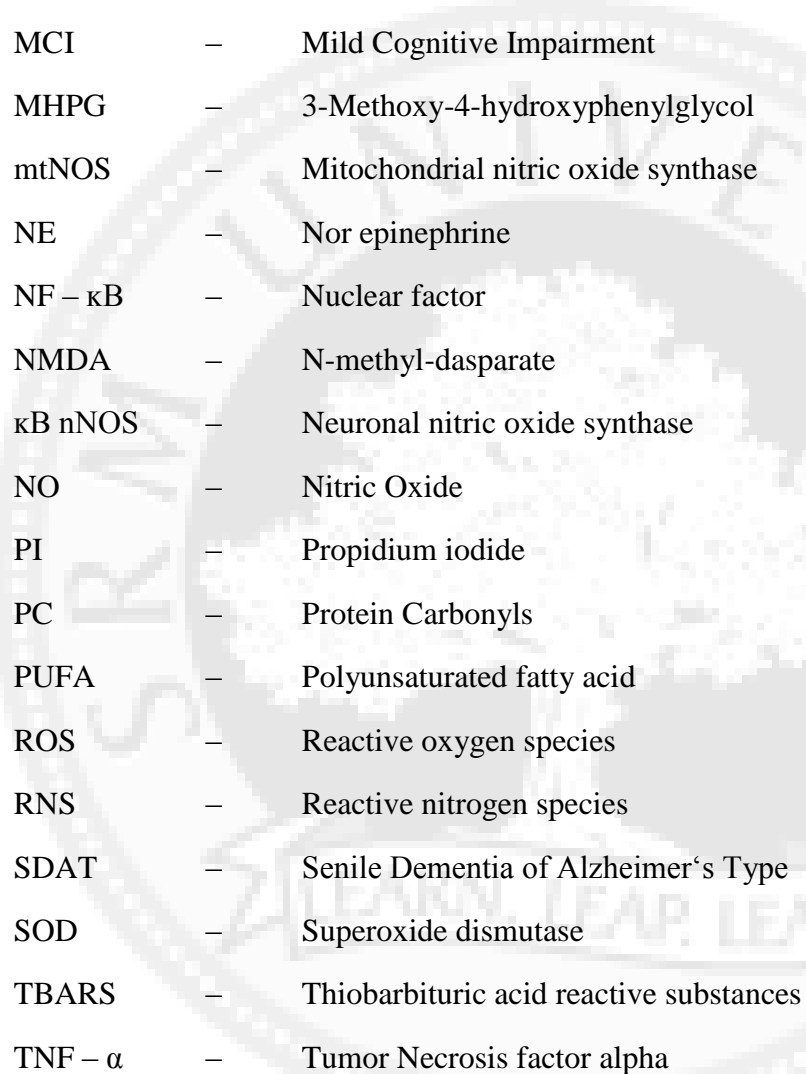


LIST OF ABBREVIATIONS

5 – HT	–	Serotonin
5-HIAA	–	5- Hydroxy Indole acetic acid
AcH	–	Acetylcholine
AChE	–	Acetylcholinesterase
AD	–	Azheimer’s disease
ARCD	–	Age related cognitive decline
ATP	–	Adenosine-tri-phosphate
BBB	–	Blood brain barrier
BM	–	<i>Bacopa monnieri</i>
CA	–	Caudate acumens
CAT	–	Catalase
ChAT	–	Choline acetyl transferase
DA	–	Dopamine
DCFDA	–	Dichlorofluoresceindiacetate
DPPH	–	2, 2–Diphenyl-1-Picrylhydrazyl
FDA	–	Food and Drug Administration
GPx	–	Glutathione peroxidase
GR	–	Glutathione Reductase
HCY	–	Homocysteine
HNE	–	4-hydroxy-2-transnonenal
HPLC – PDA	–	High performance liquid chromatography- Photo diode array
HsCRP	–	High sensitive c reactive protein
IFN – γ	–	Interferon gamma
IL – 1 β	–	Interleukin 1 beta
IL- 6	–	Interlukin 6
iNOS	–	Inducible nitric oxide synthase



LC	–	Locus Coerulus
LHP	–	Lipid Hydroperoxide
LPO	–	Lipid peroxidation
MAO	–	Monoamine oxidase
MDA	–	Malondialdehyde
MCI	–	Mild Cognitive Impairment
MHPG	–	3-Methoxy-4-hydroxyphenylglycol
mtNOS	–	Mitochondrial nitric oxide synthase
NE	–	Nor epinephrine
NF – κ B	–	Nuclear factor
NMDA	–	N-methyl-dasparate
κ B nNOS	–	Neuronal nitric oxide synthase
NO	–	Nitric Oxide
PI	–	Propidium iodide
PC	–	Protein Carbonyls
PUFA	–	Polyunsaturated fatty acid
ROS	–	Reactive oxygen species
RNS	–	Reactive nitrogen species
SDAT	–	Senile Dementia of Alzheimer's Type
SOD	–	Superoxide dismutase
TBARS	–	Thiobarbituric acid reactive substances
TNF – α	–	Tumor Necrosis factor alpha