

Phytochemical and Pharmacological Studies on some *Cyperus* plants

A Thesis Submitted

By

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Abbreviations

AA	Arachidonic acid
AAPH	2,2'-Azobis(2-amidinopropane) dihydrochloride
ABTS	2,2'-azino-bis(3-ethylbenzothiazoline-6-sulphonic acid)
BAW	Butanol, Acetic acid, Water
BDNF	Brain-derived neurotrophic factor
<i>B. cereus</i>	<i>Bacillus cereus</i>
BP	Boiling point
b.w	Body weight
CRE	<i>Cyperus rotundus</i> rhizome extract
¹³C-NMR	Carbon Nuclear Magnetic Resonance
δ	Chemical shift
Conc.	Concentration
Cont.	Continue
CCl₄	Carbon tetrachloride
DEPT	Distortionless Enhancement by Polarization Transfer
DMSO	Dimethyl Sulphoxide
DPPH	2,2-diphenyl-1-picrylhydrazyl
<i>d</i>	Doublet
dd	Double distilled
EC₅₀	half maximal effective concentration
EO	Essential oil
EI-MS	Electron Ionization- Mass Spectroscopy
ESI-MS	Electrospray Ionization - Mass Spectroscopy
ELISA	Enzyme-linked immunosorbent assay