

LIST OF ABBREVIATIONS

Abbreviations	Full Forms	Abbreviations	Full Forms
MCP1	Monocyte chemotactic protein 1	MIP1 α	Macrophage inflammatory protein 1 α
LT	Leukotriene	PG	Prostaglandin
IL	Interleukin	PS	Phosphatidylserine
ICAM1	Intercellular adhesion molecule 1	TGF- β 1-	Transforming growth factor- β 1
cGMP	Cyclic guanosine 3,5 monophosphate	TNF- α	Tumour-necrosis factor-alpha
DAMP-	Damage-associated molecular pattern	TSP-	Thrombospondin
PAMP-	Pathogen-associated molecular pattern	VCAM1	Vascular cell adhesion molecule 1.
PGJ ₂ ,	Prostaglandin J ₂	IL-1 β	Interleukin-1 Beta
PGA1/2	Phosphoglyceric Acid 1/2	IL-10	Interleukin-10
cAMP-	Cyclic adenosine 3,5 monophosphate	λ_{max}	Absorption maxima
NSAIDs	Non-Steroidal Anti-Inflammatory Drugs	cGMP	Cyclic guanosine 3',5'-monophosphate
SAIDs	Steroidal Anti-Inflammatory Drugs	GCs	glucocorticoids
COX	Cyclooxygenase	cAMP	Cyclic adenosine monophosphate
NO	Nitric oxide	IFN	Interferon
iNOS	Inducible nitric oxide synthase	TLC	Thin Layer Chromatography
ELISA	Enzyme linked Immunosorbent Assay	HPLC	High-Performance Liquid Chromatography
IBD	Inflammatory bowel disease	GC-MS	Gas Chromatography-Mass Spectrometry

12-HETE	12-Hydroxyeicosatetraenoic acid	FTIR	Fourier Transform Infrared Spectroscopy
RSD	Relative Standard Deviation	NMR	Nuclear Magnetic Resonance
COV	Coefficient of variation	ICH	International Conference for Harmonisation
LOD	Limit of detection	AVM	<i>Adhatoda vasica</i> Methanolic extract
LOQ	Limit of Quantification	AVA	<i>Adhatoda vasica</i> Aqueous extract
R _f	Retention factor	RIM	<i>Rosa indica</i> Methanolic extract
CADD	Computer Aided Drug Designs	RIA	<i>Rosa indica</i> Aqueous extract
SBDD	Structure Based Drug designing	CPM	<i>Calotropis procera</i> Methanolic extract
LBDD	Ligand Based Drug Designing	CPA	<i>Calotropis procera</i> Aqueous extract
2D QSAR	Two-dimensional qualitative structure activity relationship	MDS	Molecular dynamic Simulations
3D QSAR	Three-dimensional structure activity relationship	HTS	High-throughput screening
IMPPAT	Indian Medicinal Plants, Phytochemistry and Therapeutics	SPDBV	Swiss PDB Viewer
PDB	Protein Data Bank	OD	Optical density
CSF	Colony stimulating factor	RNS	Reactive nitrogen species
AKP	Alkaline phosphatase	ROS	Reactive oxygen species
LPS	Lipopolysaccharides	PMA	Phorbol myristate acetate

List of Abbreviations

WHO	World Health Organization	HPMC	Hydroxypropyl methylcellulose
QbD	Quality by Design	BBD	Box-Behnken designs
CQAs	Critical quality attributes	CMAs	Critical material attributes
ANOVA	Analysis of Variance	TEA	Triethanolamine
SD	Standard deviation	RSD	Relative standard deviation
CPCSEA	Committee for the purpose of Control and Supervision of Experiments on Animals	COA	Certificate of Analysis
PEG	Polyethylene glycol	%	Percentage
v/v	volume by volume	w/v	weight by volume
w/w	weight by weight	µg	micro gram