

Abbreviations

ACPase-	Acid phosphatase
ACTs-	Artemisinin based Combination Therapies
AGS-	Human Gastric epithelial cells
AKT	Protein Kinase B
ALKase-	Alkaline Phosphatase
AMPK	Adenosine Monophosphate-Activated Protein Kinase
ART-	Artemisinin
ATCC	American Type Culture Collection
A β -	Amyloid- β -protein
BBB-	Blood Brain Barrier
Bcl-2 -	B-cell lymphoma 2
Bcl-XL-	B-cell lymphoma Xtra-Large
C -myc-	Proto-Oncogene Proteins c-myc
Cflip-	Cellular FLICE-Like Inhibitory Protein C-IAP1
CM-	Cerebral Malaria
CNS-	Central Nervous System
CoMFA-	Comparative Molecular Field Analysis
COX-2-	Cyclooxygenase-2
CQ-	Chloroquine
CQ-R-	Chloroquine Resistant
CQ-S-	Chloroquine Sensitive
DNA-	Deoxyribonucleic acid
ECM-	Extracellular Matrix
EE-	Entrapment Efficiency
FtsZ-	Filamenting temperature-sensitive mutant Z
G6PD-	Glucose-6-phosphate dehydrogenase
GlcN-6-P-	Glucosamine-6-phosphate
GlmS-	Glucosamine-6-phosphate synthase
HASMCs-	Human Aortic Smooth Muscle Cells
HAT-	Histone Acetyl Transferase
Hp-	<i>Helicobacter pylori</i>
HSL-	Acyl Homoserine Lactone
IC ₅₀ -	Half maximal Inhibitory Concentration

INH-	Isoniazid
JNK	Jun N-terminal Protein Kinase
LC-	Loading Capacity
MCCD-	Mcertification of Cause of Death
MCT-	Medium Chain Triglyceride
MDR-	Multi Drug Resistant
MIC-	Minimum Inhibitory Concentration
MMPs-	Matrix Metalloproteinases
MRSA-	Methicillin-Resistant <i>Staphylococcus aureus</i>
MSA-	Molecular Surface Area
NF- κ b	Nuclear Factor-Kappa B
PAO1-	<i>Pseudomonas aeruginosa</i> strain
PDB-	Protein Data Bank
PfATP6	<i>Plasmodium falciparum</i> ATPase 6
PfGR	<i>Plasmodium Falciparum</i> Glutathione Reductase
PfTrxR	<i>P. falciparum</i> Thioredoxin Reductase
QS-	Quorum sensing
QSAR-	Quantitative Structure–Activity Relationship
RBC-	Red Blood Cells
RLU-	Relative Light Units
RNA-	Ribonucleic Acid
ROS-	Reactive Oxygen Species
SAR-	Structural Activity Relationship
SDH-	Succinic Dehydrogenase
SOD-	Superoxide Dismutase
SP-	Sulphadoxine-Pyrimethamine
TBARS-	Thiobarbituric Acid Reactant Substances
TIMPs-	Tissue Inhibitors of Metalloproteinases
TNF-	Tumor Necrosis Factor alpha
UDP-	GlcNAc- uridine 5'-diphospho-N-acetyl-D-glucosamine
WHO-	World Health Organization
XIAP	X-linked Inhibitor of Apoptosis