

LIST OF ABBREVIATIONS

5-ALA	5-aminolevulinic acid
ACT	Artemisinin-based combination therapy
ART	Artemisinin
AQ	Amodiaquine
AZI	Azithromycin
BS	Blasticidine S
BSD	Blasticidine S
CLAG	Cytoadherence link asexual gene
CQ	Chloroquine
DHODH	Dihydroorotate dehydrogenase
DHPS	Dihydropteroate synthase
EPCR	Endothelial protein C receptor
FOSMI	Fosmidomycin
G6PD	Glucose-6-phosphate dehydrogenase
gDNA	Genomic DNA
GNI	Gross National Income
HbC	Hemoglobin C
HbS	Hemoglobin S
HP1	Heterochromatin protein 1
HVR	Hypervariable region
ICAM1	Intercellular adhesion molecule 1
IPT	Intermittent preventive treatment
IPTi	Intermittent preventive treatment in infancy
IPTp	Intermittent preventive treatment in pregnant women
IPT-SP	Intermittent preventive treatment with sulfadoxine-pyrimethamine
IRB	Institutional Review Board
ISGlobal	Barcelona Institute for Global Health
ITM	Institute of Tropical Medicine, Antwerp
K13	PF3D7_1343700 kelch propeller domain
LAMP	Loop-mediated isothermal amplification
LEUP	Leupeptine
LM	Light microscopy
<i>logP</i>	Partition coefficient

LUM	Lumefantrine
LysoPC	Lysophosphatidylcholine
malERA	Malaria eradication research agenda
MDA	Mass drug administration
MDG	Millennium Development Goals
MDR-TB	Multidrug-resistance tuberculosis
MMV	Medicines for Malaria Venture
MOI	Multiplicity of infection
MQ	Mefloquine
NAT	Nucleic acid tests
ncRNA	Non-coding RNA
NGS	Next-generation sequencing
NIH	National Institutes of Health
NO	Nitric oxide
NPP	New Permeation pathways
NtCR	N-terminal paralogue-specific conserved region
PCR	Long polymerase chain reaction
PfCRT	<i>P. falciparum</i> CQ resistance transporter
PfEMP1	<i>P. falciparum</i> erythrocyte membrane protein-1
PfHRP2	<i>P. falciparum</i> histidine-rich protein 2
PfMDR1	<i>P. falciparum</i> multidrug resistance transporter
PfPI3K	<i>P. falciparum</i> phosphatidylinositol-3-kinase
PI3P	PI3-phosphate
PPIX	Protoporphyrin IX
PSAC	Plasmodial Surface Anion Channel
PYR	Pyrimethamine
qPCR	Quantitative-PCR
RBC	Red blood cell
RDT	Rapid diagnostic tests
RSA	Ring-stage survival assay
RT-PCR	Real Time - PCR
SDX	Sulfadoxine
SMC	Seasonal malaria chemoprevention
SNP	Single nucleotide polymorphisms
SP	Sulfadoxine-pyrimethamine
T16	1,12-dodecanemethylene bis (4-methyl-5-ethylthiazolium) diiodide

T3	Albitazolium
TF	Transcription factor
WHO	World Health Organization
XDR-TB	Extensively drug-resistant tuberculosis