

LIST OF ABBREVIATIONS

| Abbreviation or symbol | Term |
|------------------------|--|
| CQ | Chloroquine |
| QN | Quinine |
| MQ | Mefloquine |
| DHA | Dihydroartemisinin |
| QD | Quinidine |
| CIN | Cinchonine |
| CIND | Cinchonidine |
| MEP | Mepacrine |
| PQ | Primaquine |
| AQ | Amodiaquine |
| S | Sulphadoxine |
| P | Pyrimethamine |
| HF | Halofantrine |
| ARN | Artemisinin |
| ARS | Artesunate |
| ART | Artemether |
| ARTE | Arteether |
| DHFR | Dihydrofolate reductase |
| DHPS | Dihydroopteroate synthase |
| LAPDAP | Chlorproguanil and dapsone |
| Fansidar | Sulphadoxine and Pyrimethamine |
| CQS | Chloroquine-sensitive |
| CQR | Chloroquine-resistance |
| <i>Pfmdr1</i> | <i>Plasmodium falciparum</i> multidrug resistant 1 |
| <i>Pfcr1</i> | <i>Plasmodium falciparum</i> |

LIST OF ABBREVIATIONS (Cont.)

| Abbreviation or symbol | Term |
|------------------------|--|
| SERCA | chloroquine resistant transporter Sarcoendoplasmic reticulum Ca ²⁺ ATPase |
| HRP | Histidine-rich protein |
| Pgh 1 | P-glycoprotein homologue 1 |
| MDR | Multidrug resistance |
| Fe(II) | Ferrous |
| Fe(III) | Ferric |
| ATPase | Adenosine triphosphatase |
| ABC | ATP binding cassette |
| N86Y | At position 86, asparagine change to tyrosine |
| K76T | At position 76, lysine change to threonine |
| [³ H] | Tritium |
| IC ₅₀ | Concentration that inhibition 50% parasite growth |
| RBCs | Red blood cells |
| DV | Digestive food vacuole |
| NHE | Na ⁺ /H ⁺ exchanger |
| pLDH | Parasite lactate dehydrogenase |
| NBD | Nucleotide-binding domains |
| CIC | Chloride channels |
| GSH | Glutathione-S-dehydrogenase |
| PFEMP1 | <i>P. falciparum</i> erythrocyte |

LIST OF ABBREVIATIONS (Cont.)

| Abbreviation or symbol | Term |
|-------------------------------|---|
| MSP | membrane protein Merozoite surface protein |
| CS | Circumsporozoite |