
List of Contents

Part I. Drugs and Drug Resistance

- Quinolines and Artemisinin: Chemistry, Biology and History 3
P. G. Bray, S. A. Ward, and P. M. O'Neill
- Antimalarial Multi-Drug Resistance in Asia: Mechanisms and Assessment 39
A.-C. Uhlemann and S. Krishna
- Antimalarial Drug Resistance in Africa: Strategies for Monitoring and Deterrence 55
C. V. Plowe

Part II. Malaria the Disease

- Uncomplicated Malaria 83
M. P. Grobusch and P. G. Kremsner
- Metabolic Complications of Severe Malaria 105
T. Planche, A. Dzeing, E. Ngou-Milama, M. Kombila, and P. W. Stacpoole
- The Clinical and Pathophysiological Features of Malarial Anaemia 137
D. J. Roberts, C. Casals-Pascual, and D. J. Weatherall
- Malaria in the Pregnant Woman 169
P. E. Duffy and M. Fried

Part III. Biology

- Host Receptors in Malaria Merozoite Invasion 203
S. S. Oh and A. H. Chishti
- A Post-genomic View of the Mitochondrion in Malaria Parasites 233
A. B. Vaidya and M. W. Mather
- The Plastid of *Plasmodium* spp.: A Target for Inhibitors 251
S. Sato and R. J. M. Wilson

Hemoglobin Degradation	275
<i>D. E. Goldberg</i>	
Bioavailable Iron and Heme Metabolism in <i>Plasmodium falciparum</i>	293
<i>P. F. Scholl, A. K. Tripathi, and D. J. Sullivan</i>	
<i>Plasmodium</i> Permeomics: Membrane Transport Proteins in the Malaria Parasite	325
<i>K. Kirk, R. E. Martin, S. Bröer, S. M. Howitt, and K. J. Saliba</i>	
<i>Plasmodium</i> Ookinete Invasion of the Mosquito Midgut	357
<i>J. M. Vinetz</i>	
Molecular Genetics of Mosquito Resistance to Malaria Parasites	383
<i>K. D. Vernick, F. Oduol, B. P. Lazzaro, J. Glazebrook, J. Xu, M. Riehle, and J. Li</i>	
Functional Proteome and Expression Analysis of Sporozoites and Hepatic Stages of Malaria Development	417
<i>P. L. Blair and D. J. Carucci</i>	
Subject Index	439