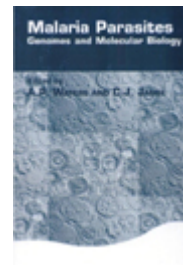


Malaria Parasites

Genomes and Molecular Biology



Edited by: **A.P. Waters and C.J. Janse**

Leiden University Medical Centre, Leiden, The Netherlands

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The completion of the *Plasmodium falciparum* genome sequence in late 2002 heralded a new era in malaria research. The search began in earnest for new drugs and vaccines to combat malaria, a disease which afflicts up to 500 million people worldwide and is responsible for the deaths of more than one million people each year. The new genomic data is aiding a greater understanding of the living parasite and its interaction with the insect vector and human host.

In this book internationally renowned experts provide up-to-date reviews of the most important aspects of post-genomic malaria research. Topics covered include: the *P. falciparum* genome and model parasites, bioinformatics and genome databases, microsatellite analysis, analysis of chromosome structure, cell cycle to RNA polymerase I and II mediated gene expression, role of the nuclear genome, the parasite surface and cell biology, and much more.

The book is essential reading for all parasitologists and scientists with an interest in malaria.

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