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Nota di contenuto	ch. 1. The diversity of Plasmodium and other Haemosporidians : the intersection of taxonomy, phylogenetics and genomics -- ch. 2. The apicomlexan genomic landscape : the evolutionary context of Plasmodium -- ch. 3. Plasmodium genomics and the art of sequencing malaria parasite genomes -- ch. 4. Genome diversity and applications in genetic studies of the human malaria parasite Plasmodium falciparum and Plasmodium vivax -- ch. 5. Functional genomics of Plasmodium parasites -- ch. 6. Plasmodium experimental genetic crosses -- ch. 7. Regulation of gene expression -- ch. 8. Invasion of host red blood cells by malaria parasites -- ch. 9. Host cell remodelling and protein trafficking -- ch. 10. Dissecting mosquito : parasite interactions through molecular biology and biochemistry ; genomic, proteomic and glycomic analyses -- ch. 11. The malariologist's molecular toolbox.
Sommario/riassunto	Since the publication of the first two Plasmodium genome sequences in 2002, numerous other parasite genomes have been sequenced. These include the genomes of several more Plasmodium species, as well as those of other apicomplexans, including species of Toxoplasma,

Cryptosporidium, Babesia, and Eimeria. This wealth of genome sequence data has provided researchers with a powerful new tool, comparative genomics, which has revolutionized research in this area. In this book, expert contributors from around the world comprehensively review the current advances in Plasmodium comparative genomics, hig

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