

1. Record Nr.	UNINA9911019889903321
Autore	Sherman Irwin W
Titolo	Magic bullets to conquer malaria [[electronic resource]] : from quinine to qinghaosu / / Irwin W. Sherman
Pubbl/distr/stampa	Washington, DC, : ASM Press, c2011
ISBN	1-119-73929-2 1-68367-099-X 1-283-03447-6 9786613034472 1-55581-688-6
Descrizione fisica	1 online resource (314 p.)
Disciplina	362.196/9362 616.936206
Soggetti	Antimalarials - History Malaria - Treatment - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; Preface; 1 From Breathing Bad Air to Biting Beasts; 2 Myth to Medicine: Quinine; 3 Synthetic Dyes to Drugs: Atabrine and Chloroquine; 4 Antimicrobials to Antimalarials: Prontosil, Pyrimethamine, Proguanil, and Atovaquone; 5 To Destroy Liver Stages: Primaquine and Tafenoquine; 6 Quinine to Mefloquine; 7 Reversal of Fortune; 8 Sweet Wormwood of Success: Qinghaosu; 9 Antibiotics and the Apicoplast; 10 A Possible Dream: Control by Blocking Transmission; 11 The Dream of Eradication; 12 A Reasonable Dream; References; Index
Sommario/riassunto	After more than four decades of working on the frontlines in the war against malaria, author Irwin Sherman is uniquely qualified to present this chronicle of the search for medicines to conquer malaria. The book reviews the history of antimalarial medicines and it also explains the hurdles that lie ahead in the discovery and development of effective treatments and control strategies. It provides new perspectives on the process of drug discovery and challenges of overcoming drug resistance.

