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| Autore                  | Sherman Irwin W                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Titolo                  | Magic bullets to conquer malaria [[electronic resource] ] : from quinine to qinghaosu / / Irwin W. Sherman                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Descrizione fisica      | 1 online resource (314 p.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| 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.                                        |

