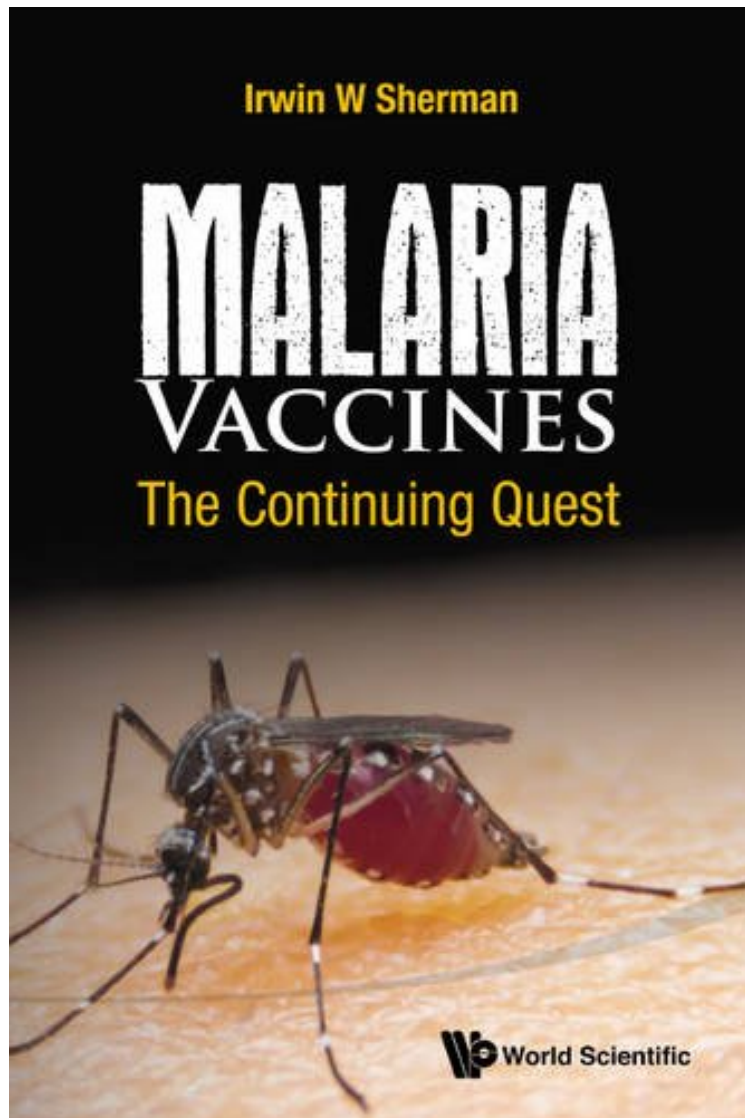


[E-BOOK] Malaria Vaccines: The Continuing Quest

Malaria Vaccines: The Continuing Quest

Irwin W. Sherman

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Irwin W. Sherman : Malaria Vaccines: The Continuing Quest before purchasing it in order to gage whether or not it would be worth my time, and all praised Malaria Vaccines: The Continuing Quest:

In 2013, 200 million people were infected with malaria, resulting in over 584,000 deaths, with the potential to affect over half the world's population. Such is the widespread nature of malaria that it is increasingly believed only a vaccine will lead to its eradication. Although the first attempt at a vaccine was made a century ago, it is only in the last

30 years that real progress in testing has been made, in the hope of discovering a molecule that can provide long-lasting protection against the disease. In July 2015, GlaxoSmithKline (GSK) announced that after 30 years of research it had received the green light from the European Medicines Agency for the world's first malaria vaccine, RTS, S, for use in African children aged 6 weeks to 17 months. This book chronicles the development of RTS, S done in collaboration with the Walter Reed Army Institute for Research, the PATH Malaria Vaccine Initiative (MVI) and funded in part by the Bill and Melinda Gates Foundation as well as previous candidate vaccines. It also focusses on the continuing quest to find more effective vaccines against this continuing health crisis. Finally, it provides an easily understood background on recombinant DNA and monoclonal antibodies and places them in perspective to their contributions to malaria vaccine development. This book serves as a convenient and easily accessible source of information for students, teachers, microbiologists, parasitologists, physicians, clinicians and research funders.