

| | |
|-------------------------|---|
| 1. Record Nr. | UNINA9910627287503321 |
| Titolo | Dengue and dengue hemorrhagic fever // edited by Duane J. Gubler [and three others] ; contributors, Katherine L. Anders [and sixty-three others] |
| Pubbl/distr/stampa | Wallingford, England ; ; Boston, Massachusetts : , : CABI, , 2014 ©2014 |
| ISBN | 1-84593-965-4 |
| Edizione | [2nd ed.] |
| Descrizione fisica | 1 online resource (624 p.) |
| Disciplina | 616.9 616.9/21 616.91852 616.921 |
| Soggetti | Dengue |
| 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 at the end of each chapters and index. |
| Nota di contenuto | Contents; Contributors; Foreword; Preface; Acknowledgement; PART I: HISTORY AND EPIDEMIOLOGY; 1 Dengue Viruses: Their Evolution, History and Emergence as a Global Public Health Problem; 2 Mapping the Epidemiology of Dengue; 3 Economic and Disease Burden of Dengue; 4 Surveillance for Dengue; 5 Dengue Infections in Travelers; 6 A Review of Transmission Models of Dengue: A Quantitative and Qualitative Analysis of Model Features; PART II: THE DISEASE; 7 Clinical Features of Dengue; 8 Neurological Manifestations of Dengue Virus Infection 9 The Southeast Asia Regional Office (WHO) Guidelines for Clinical Management of Dengue Hemorrhagic Fever 10 Laboratory Diagnosis of Dengue; 11 Dengue Pathogenesis: Host Factors; 12 Dengue Pathogenesis: Viral Factors; 13 The Acquired Immune Response in Dengue Virus Infection; 14 Innate Immune Responses to Dengue Infection; 15 Pathology of Dengue Virus Infection; 16 Dengue Drug Development; PART III: THE VIRUS; 17 Taxonomy and Evolutionary Relationships of Flaviviruses; 18 Molecular Virology of Dengue Virus; 19 The Structural Biology of Dengue Virus |

20 The Nonstructural Proteins of Dengue Virus PART IV: VIRUS-HOST INTERACTION; 21 The Interface between Dengue Virus and the Human Host; 22 Dengue Virus-Mosquito Interactions and Molecular Methods of Vector Control; 23 Animal Models of Dengue Infection and Disease; PART V: DENGUE PREVENTION; 24 Dengue Vector Bionomics: Why *Aedes aegypti* is Such a Good Vector; 25 Surveillance and Control of Urban Dengue Vectors; 26 Dengue Vector Control: New Approaches; 27 Biological Control of Dengue and Wolbachia-based Strategies; 28 Dengue Vaccines; 29 Dengue Virus Neutralization and Surrogates of Protection
IndexA; B; C; D; E; F; G; H; I; J; K; L; M; N; O; P; R; S; T; U; V; W; Y

Sommario/riassunto

Continued geographic expansion of dengue viruses and their mosquito vectors has seen the magnitude and frequency of epidemic dengue/dengue hemorrhagic fever (DF/DHF) increase dramatically. Recent exciting research on dengue has resulted in major advances in our understanding of all aspects of the biology of these viruses, and this updated second edition brings together leading research and clinical scientists to review dengue virus biology, epidemiology, entomology, therapeutics, vaccinology and clinical management.
