

1. Record Nr.	UNINA9910821627103321
Titolo	The trypanosomiasis [[electronic resource] /] / edited by Ian Maudlin, Peter H. Holmes, Michael A. Miles
Pubbl/distr/stampa	Wallingford, UK ; ; Cambridge, MA, USA, : CABI Pub., c2004
ISBN	1-280-82901-X 9786610829019 0-85199-034-7
Descrizione fisica	1 online resource (640 p.)
Altri autori (Persone)	MaudlinIan <1943-> HolmesP. H MilesMichael A
Disciplina	616.9/36301
Soggetti	Trypanosomiasis Trypanosomiasis in animals
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	Contributors; Preface; Acknowledgements; 1 Systematics of Trypanosomes of Medical and Veterinary Importance; 2 Antigenic Variation; 3 The African Trypanosome Genome; 4 Communication in Trypanosomatids; 5 Genetics and Molecular Epidemiology of Trypanosomes; 6 Tsetse Genetics: Applications to Biology and Systematics; 7 Tsetse Population Dynamics; 8 Tsetse Distribution; 9 Triatominae: Systematics, Morphology and Population Biology; 10 Diagnosis of Human African Trypanosomiasis; 11 Epidemiology of Human African Trypanosomiasis; 12 Diagnosis of American Trypanosomiasis 13 Epidemiology of American Trypanosomiasis14 Diagnosis and Epidemiology of African Animal Trypanosomiasis; 15 Non-tsetse-transmitted Animal Trypanosomiasis; 16 Pathogenesis of Human African Trypanosomiasis; Colour Plates; 17 Pathogenesis of American Trypanosomiasis; 18 Pathogenesis of Animal Trypanosomiasis; 19 Medical Significance of American Trypanosomiasis; 20 Economics of African Trypanosomiasis; 21 Current Chemotherapy of Human African Trypanosomiasis; 22 Current Chemotherapy of American

Trypanosomiasis; 23 Current Chemotherapy of Animal Trypanosomiasis
24 Future Prospects in Chemotherapy for Trypanosomiasis
25 Trypanotolerance; 26 Control of Blood Transfusion Transmission of
American Trypanosomiasis; 27 Insecticidal Control of Tsetse; 28
Development of Bait Technology to Control Tsetse; 29 The Application
of Bait Technology to Control Tsetse; 30 Community Participation in
Tsetse Control: the Principles, Potential and Practice; 31 Control of
Triatominae; 32 The Sterile Insect Technique as a Component of Area-
wide Integrated Pest Management of Tsetse
33 Biting Flies: Their Role in the Mechanical Transmission of
Trypanosomes to Livestock and Methods for Their Control

Sommario/riassunto

This reference work gives comprehensive coverage of the biology and control of African, Asian and South American trypanosomiasis in man and animals. It describes recent research developments in the biology and molecular biology of trypanosomes and their vectors, and methods in diagnosis and control, such as tsetse trapping. Different sections of the book are devoted to biology of trypanosomes, vector biology, epidemiology and diagnosis, pathogenesis, disease impact, chemotherapy and disease control, and vector control. Leading experts from Europe, North and South America, and Africa have contr
