1. Record Nr. UNINA9910438022303321

Titolo	Drug resistance in leishmania parasites : consequences, molecular mechanisms and possible treatments / / Alicia Ponte-Sucre, Emilia Diaz, Maritza Padron-Nieves, editors
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-283-61268-2 9786613925138 3-7091-1125-0
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (457 p.)
Altri autori (Persone)	DiazEmilia Padron-NievesMaritza Ponte-SucreAlicia
Disciplina	616.9 616.9/364
Soggetti	Leishmania Parasites
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	pt. 1. Determinant features in leishmaniasis -- pt. 2. Leishmania and the immune system -- pt. 3. Challenges in the diagnosis, treatment and control of leishmaniasis in times of drug resistance -- pt. 4. Molecular features of drug-resistant leishmania -- pt. 5. Pharmacology and chemotherapy of leishmaniasis -- pt. 6. Strategies to circumvent drug resistance in leishmania.
Sommario/riassunto	One of the main problems concerning therapeutic tools for the treatment of parasitic diseases, including leishmaniasis, is that some field parasites are naturally resistant to the classical drugs; additionally, current therapies may select parasites prone to be resistant to the applied drugs. These features are (at least partially) responsible for the disappointing persistence of the disease and resultant deaths worldwide. This book provides a comprehensive view of the pathology of the disease itself, and of parasitic drug resistance, its molecular basis, consequences and possible treatments. Scientists both from academic fields and from the industry involved in biomedical research

and drug design, will find in this book a valuable and fundamental guide that conveys the knowledge needed to understand and to improve the success in combating this disease worldwide.