Record Nr. UNINA9910139046103321 Trypanosomatid diseases [[electronic resource]]: molecular routes to **Titolo** drug discovery / / edited by Timo Jager, Oliver Koch, and Leopold Flohe Pubbl/distr/stampa Weinheim,: Wiley-VCH, 2013 **ISBN** 3-527-67040-8 3-527-67038-6 1-299-40220-8 3-527-67039-4 Descrizione fisica 1 online resource (578 p.) Collana Drug discovery in infectious diseases;; v. 4 Altri autori (Persone) JagerTimo **KochOliver** FloheLeopold Disciplina 616.936061 Soggetti Parasitic diseases Trypanosomatidae Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. Disease burden, current treatments, medical needs, and strategic approaches -- pt. 2. Metabolic peculiarities in the trypanosomatid family guiding drug discovery -- pt. 3. Validation and selection of drug targets in kinetoplasts -- pt. 4. Examples of target-based approaches and compounds under consideration. Sommario/riassunto This is the first resource to provide researchers in academia and industry with an urgently needed update summarizing the current knowledge and possibilities for drug intervention against Trypanosomatides all in one volume. As such, it covers every aspect of the topic from basic research findings, via current treatments to translational approaches in drug development and includes both human and livestock diseases. The outstanding editor and contributor team reads like a Who?s Who of the field, thus guaranteeing the outstanding quality of this ready reference.