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Nota di contenuto	Classical and Modern Drug Treatments for Leishmaniasis -- Saponins as Potential Antiprotozoa Agents -- Chagas Disease: Drug Development and Parasite Target -- Targeting carbonic anhydrases from Leishmania spp. and Trypanosoma cruzi as a strategy to obtain new drugs -- New Compounds for the Management of Trypanosoma brucei Infection -- Polyamine and Trypanothione Pathways as Targets for Novel Antileishmanial Drugs -- Nano and Microstructured Delivery Systems for Current Antileishmanial Drugs -- Pharmacological Treatment of Malaria -- -Class Carbonic Anhydrases as

Antiplasmodial Drug Targets: Current State of the Art and Hurdles to Develop New Antimalarials -- Management of Entamoeba histolytica Infection: Treatment Strategies and Possible New Drug Targets -- Trichomonas vaginalis Pharmacological Treatment -- Beta-Carbonic Anhydrase from Trichomonas Vaginalis as New Antiprotozoan Drug Target -- Drugs for the treatment of toxoplasmosis -- Challenges and promises for obtaining new antiprotozoal drugs – what's going wrong?

Sommario/riassunto

This book reviews new promising drug targets for Neglected Tropical Diseases (NTDs), with a special focus on antiprotozoal drugs against trpyanosomatids Trypanosoma cruzi and Leishmania spp. The book offers a comprehensive overview of the most recent studied targets, and it outlines classical and new treatments and delivery strategies. Expert contributors describe new methods of analysis and bio-prospecting for new compounds, and provide a critical perspective of the translational process used in the research and development of new drug candidates. The book will appeal not only to researchers, students and professionals interested in drug development to protozoan diseases, but also to medicinal chemists in general.