Record Nr. UNINA9910298315303321 Helminth Infections and their Impact on Global Public Health / / edited **Titolo** by Fabrizio Bruschi Pubbl/distr/stampa Vienna:,: Springer Vienna:,: Imprint: Springer,, 2014 **ISBN** 3-7091-1782-8 Edizione [1st ed. 2014.] Descrizione fisica 1 online resource (509 p.) Disciplina 614.554 Soggetti Parasitology Medical microbiology Health promotion Public health Medical Microbiology Health Promotion and Disease Prevention Public Health 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. Nota di contenuto Diversity and History as Drivers of Helminth Systematics and Biology --Paleoparasitology of Helminths -- Schistosomiasis -- Fascioliasis --Clonorchiasis and Opisthorchiasis -- Echinococcosis -- Taeniosis and Cysticercosis -- Trichinellosis -- Soil-transmitted helminthiasis --Strongyloides stercoralis and Strongyloidosis -- Anisakiasis --Lymphatic and Tissue Filariosis -- Dirofilaria Infections in Humans and Other Zoonotic Filarioses -- Toxocarosis -- Angiostrongyloidosis --Can the Study of Helminths be Fruitful for Human Diseases?. This book gives an up-to-date overview of the epidemiology (including Sommario/riassunto molecular typing), specific biological, immunological and immunopathological aspects, diagnosis and perspectives of control of the most common helminth human infections. Helminths are long-lived multicellular organisms that have co-evolved with humans over many thousands of years. They are responsible for infections which affect around one third of the human population, at global level. Despite the huge efforts in research during the last years, effective control of

helminth infections is still far from optimal standards and the resulting