

1. Record Nr.	UNINA9910586598903321
Titolo	Helminth Infections and their Impact on Global Public Health / / edited by Fabrizio Bruschi
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031003035 9783031003028
Edizione	[2nd ed. 2022.]
Descrizione fisica	1 online resource (648 pages)
Disciplina	616.962 614.554
Soggetti	Parasitology Medical microbiology Public health Medicine, Preventive Health promotion Medical Microbiology Public Health Health Promotion and Disease Prevention
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1: Epidemiology and Economics of Deworming -- Chapter 2: Diversity and History as Drivers of Helminth Systematics and Biology -- Chapter 3: Paleoparasitology of Helminths -- Chapter 4: Under the Influence : the Systemic Consequences of Helminth Infection -- Chapter 5: Schistosomiasis -- Chapter 6: Fascioliasis -- Chapter 7: Clonorchiasis and Opisthorchiasis -- Chapter 8: Echinococcosis -- Chapter 9: Taeniosis and Cysticercosis -- Chapter 10: Trichinellosis -- Chapter 11: Soil-Transmitted Helminthiasis -- Chapter 12: Strongyloides stercoralis and Strongyloidosis -- Chapter 13: Anisakiasis -- Chapter 14: Lymphatic and Tissue Filariasis -- Chapter 15: Dirofilaria Infections in Humans and Other Zoonotic Filarioses -- Chapter 16: Toxocariasis -- Chapter 17: Can the Study of Helminths Be Fruitful for Human Diseases?.

Sommario/riassunto

This is a thoroughly revised edition of a well-received reference work on helminthiases and their impact on worldwide public health. The carefully presented collection covers both common and neglected helminth infections. Readers will discover an up-date overview to helminth epidemiology (including molecular typing), specific biological, immunological and immunopathological aspects, diagnosis and latest perspectives of control. New contributions give particular attention to economic consequences of helminthiases, deworming programs and future public health approaches, as well as most recent findings in host immune responses. 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 fourth 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 diseases remain neglected. The highly readable link of parasitological background and clinical application makes this book a valuable read not only for parasitologists but also physicians and medical students, health professionals as well as experts in public health issues. Moreover, all readers concerned with combating neglected parasitoses towards the Sustainable Development Goal SDG 3 (Good Health and Well-being) will understand the significance of this renewed volume. .
