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Altri autori (Persone)	FriedBernard
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Nota di contenuto	Part I: General Aspects of the Trematodes -- 1.Form and Function in the Digenea -- 2.Systematics of the Trematoda -- Part II: Trematodes of Interest in Human and Animal Health -- 3.Schistosomiasis -- 4. Other Schistosomoidae and Diplostomoidea -- 5.Fascioliasis -- 6. Paragonimiasis -- 7.Liver Flukes: Clonorchis and Opisthorchis -- 8. Echinostomes and Other Intestinal Trematode Infections -- 9. Amphistomes -- 10.Dicrocoeliidae Family: Major Species Causing Veterinary Diseases -- 11.Selected Wildlife Trematodes -- Part III: Clinical Aspects of Trematode Infections -- 12.Epidemiology and Geographical Distribution of Human Trematode Infections -- 13. Trematode Genomics and Proteomics -- 14.Diagnosis of human trematode infections.
Sommario/riassunto	Although digenetic trematodes have been largely neglected, they constitute a major group of helminths that parasitize human and animals causing significant morbidity and mortality. This is of special importance today, since the geographical limits and the populations at

risk, traditionally limited to developing or low-income countries, are currently expanding and changing in relation to factors such as growing international markets, improved transportation systems, and demographic changes. This has led to a growing international interest in trematode infections, although factors such as the difficulties entailed in the diagnosis, the complexity of human and agricultural practices, the lack of assessments of economic costs, or the limited number of effective drugs are preventing the development of control measures of these diseases in humans and livestock. In-depth studies are needed to clarify the current epidemiology of these helminth infections and to identify new and specific targets for both effective diagnosis and treatments. The main goal of the third edition of this book is to present the major trematodes and their corresponding diseases in the framework of modern parasitology, considering matters such as the application of novel techniques and analysis of data in the context of host-parasite interactions and also with the resident microbiota, showing the application of modern techniques and concepts to the studies on digenetic trematodes. This is an ideal book for parasitologists, microbiologists, zoologists, immunologists, public health professionals, clinicians and graduate and post-graduate students. .
