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Nota di contenuto	""Contents""; ""List of Contributors""; ""Introduction""; ""SECTION 1: BIOLOGY OF TOXOCARA""; ""Molecular Biology""; ""1. Molecular Biology and Immunology of Toxocara canis""; ""2. Molecular Genetic Characterization of Members of the Genus Toxocara a€? Taxonomic, Population Genetic and Epidemiological Considerations""; ""3. The Larval Surface""; ""Toxocara as a model system""; ""4. Toxocara and Asthma""; ""5. The Significance of Cerebral Toxocariasis""; ""Animal models for toxocariasis""; ""6. Critical Assessment of Existing and Novel Model Systems of Toxocariasis"" ""SECTION 2: CLINICAL ASPECTS AND PUBLIC HEALTH""""Human disease""; ""7. Diagnostic Limitations and Future Trends in the Serodiagnosis of Human Toxocariasis""; ""8. Management and Treatment Options for Human Toxocariasis""; ""9. Ocular Toxocariasis""; ""10. Toxocariasis and the Skin""; ""Immunology of toxocariasis""; ""11. Inflammatory and Immunological Responses to Toxocara canis""; ""12. Novel Approaches to Immunoprophylaxis for Toxocariasis""; ""Epidemiology of toxocariasis""; ""13. Epidemiological Surveillance of Toxocara and Toxocariasis"" ""14. Exposure and Environmental Contamination""""15.

Baylisascariasis: an Emerging and Potentially Fatal Form of Larval Migrants"; ""SECTION 3: TOXOCARA IN THE VETERINARY CONTEXT""; ""16. Current and Future Options for the Prevention and Treatment of Canids""; ""17. Toxocariasis: the Veterinarian's Role in Prevention of Zoonotic Transmission""; ""18. Toxocara vitulorum in Livestock""; ""SECTION 4: ECONOMIC IMPACT OF THE DISEASE""; ""19. Economic Impact of Toxocara spp.""; ""Index""; ""A""; ""B""; ""C""; ""D""; ""E""; ""F""; ""G""; ""H""; ""I""; ""L""; ""M""; ""N""; ""O""; ""P""; ""R""; ""S""; ""T""; ""U""; ""V""; ""W""; ""Z""

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Sommario/riassunto

Toxocara is a parasitic helminth worm, which continues to stimulate both public concern and scientific interest. *Toxocara canis* and *T. Cati* are gastrointestinal parasites of dogs and cats and their eggs can contaminate the environment, thus exposing humans and other mammals and birds to infection. Many questions remain about the host-parasite relationship, its epidemiology and public health significance. Veterinarians and clinicians are interested in its importance as a zoonosis and the parasite's capacity to enter the human eyes is of concern to ophthalmologists. This book provides a comprehensive

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