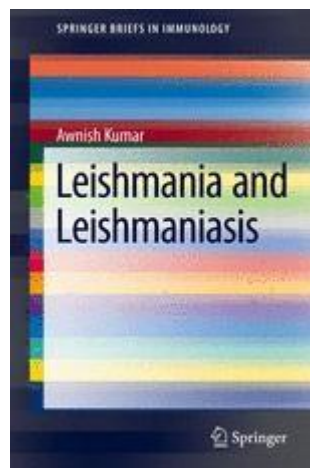


BOOK REVIEW

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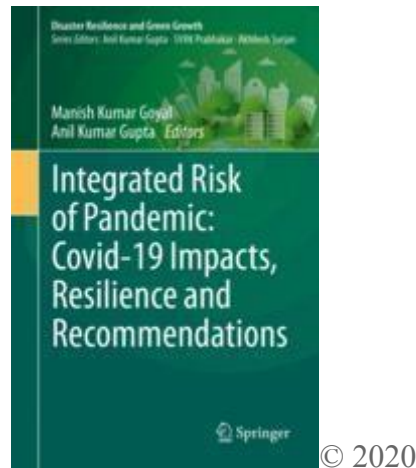
Leishmania and Leishmaniasis

Authors: Kumar, Awanish

Date of publication: 2013

- Comprehensive study of Leishmania and Leishmaniasis
- Addresses various aspects, including morphology and life cycles of the Leishmania species
- Expansive attention to immunological perspective
- Leishmania-related illnesses remain among the world's deadliest neglected tropical diseases, affecting approximately 12 million people in 88 countries. The mortality rate is substantial, contributing to nearly two million disability-adjusted life years. As more is understood about this parasite and its effects, work toward prevention, control, and treatment continues apace. *Leishmania and Leishmaniasis* will address the parasite and its attendant disease, which manifests in three syndromes: Visceral (VL), Cutaneous (CL) and Mucocutaneous Leishmaniasis (ML). The morphology and life cycles of the various species will be among the topics addressed in Part One. Part Two will focus on immunology, including host-immune response to Leishmania infection, cross-immunity between the different species and adoptive transfer of immunity. Parts Three and Four will address how Leishmania invade and survive, the clinical features of the disease, and its diagnosis. Drugs, vaccines and treatment will be thoroughly explored, including experimental models of therapeutics. *Leishmania and Leishmaniasis* will provide a thorough examination of a parasite, the illnesses it causes and the misery it continues to visit upon large segments of the population.

Table of contents (7 chapters); that describe the Immunology of *Leishmaniasis*, diagnosis, treatment and prevention.



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Integrated Risk of Pandemic: Covid-19 Impacts, Resilience and Recommendations

Editors: Goyal, Manish Kumar, Gupta, Anil Kumar (Eds.)

- Brings global coverage and multi-dimensional perspectives on integrated risk, impacts and resilience of Covid-19 like pandemic possibilities in future
- Covers all aspects of infectious disease outbreaks to the level of pandemics with illustration of current coronavirus pandemic in detail
- Provides an evidence-based approach in diagnosis and management of scientific, health, sectoral, administration, multi-hazard disaster risks and community aspects of pandemic impact and resilience building
- Aims to help policy analysis and discourses on lessons of current pandemic

In light of the novel corona virus outbreak in December 2019 and its subsequent impact on entire world as a global pandemic, the book attempts to provide integrated risk assessment on COVID-19 like pandemics, as well as to understand the societal, environment and economic impact of the outbreak in various sectors of development. It covers fundamental factors of global disease outbreaks and its coverage as major disaster through the complexity and severity of consequences, illustrating the dimensions of low frequency high intensity disasters. It brings together broad range of topics including basic concepts, isolation measure, and role of governance and key technical advancements for containing the diseases. In addition, it also covers resilience analysis towards the impacts such outbreaks have on biodiversity, ecosystem services and agricultural food production. It defines key exit strategies from the lessons learned and success stories of historical disease outbreaks. The book is presented in four parts, where part 1 familiarizes with fundamentals; part 2 focuses on integrated risk assessments; part 3 focuses on various measures and strategies of resilience; and part 4 suggests key lessons and recommendations. The book is a useful reading reference for scientific community, policy makers and professionals across the domains of health, environment, disasters and sustainable development. Book is specifically beneficial for postgraduate students, researchers, planners and field professionals.

Table of contents (25 chapters), that describe the aetiology, clinical features, diagnosis and general and specific approaches for COVID-19 treatment and control.