

1. Record Nr.	UNINA9910747592403321
Titolo	Zoonoses: Infections Affecting Humans and Animals // edited by Andreas Sing
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031271649
Edizione	[2nd ed. 2023.]
Descrizione fisica	1 online resource (1713 pages)
Disciplina	664.907 614.56
Soggetti	Medical microbiology Veterinary medicine Internal medicine Tropical medicine Medical sciences Microbiology Medical Microbiology Veterinary Science Internal Medicine Tropical Medicine Health Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I Zoonoses in food-chain animals with public health relevance -- Part II Zoonoses in food-chain and domestic animals: Focus on antibiotic resistance -- Part III Important zoonoses in non-food animals -- Part IV Zoonoses in domestic animals -- Part V Zoonoses of wildlife species Part VI Waterborne Zoonoses -- Part VII Emerging and Re-emerging zoonoses -- Part VIII Nature is the Greatest Bioterrorist: Zoonotic Pathogens as Bioterroristic Agents -- Part VIII Controversial or Non-resolved Issues -- Part X Economic and ecological aspects of zoonoses.
Sommario/riassunto	This second fully revised and extended edition of "Zoonoses -

Infections Affecting Humans and Animals” covers the most important pathogens impacting both human and animal public health and debates current developments in this interdisciplinary field from a One Health perspective. Following a "setting" approach, the individual chapters each review zoonoses occurring in a specific group of animals, such as production animals, pets or wildlife, or in a defined ecosystem. A focus is put on zoonoses emerging along the food chain and on antibiotic resistance as an increasing challenge in infectious disease management. Special interest chapters debate non-resolved and currently hotly debated zoonoses, foremost COVID-19, influenza, Crohn/paratuberculosis and chronic botulism, also taking into account the economic and ecological aspects of zoonotic disease outbreaks. This second edition includes brand-new chapters on emerging pathogens such as SARS-CoV-2, chlamydia and helminths, it reviews historic zoonoses, provides additional insights into pathogens of reptiles and highlights significant neglected tropical diseases. This reference work is a must-read for researchers, health professionals and students in Microbiology and Veterinary Medicine. The book’s ambition to spread knowledge on zoonoses and on strategies on how to tackle them complies with the United Nations Sustainable Goals, in particular Goal 3 – Good Health and Well-Being.

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