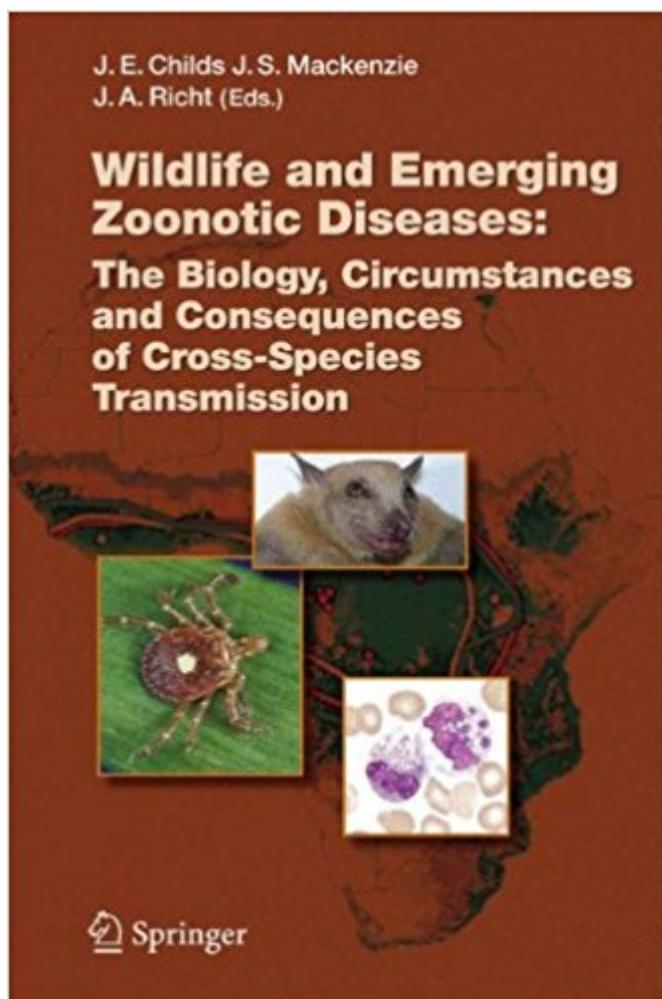


The book was found

# **Wildlife And Emerging Zoonotic Diseases: The Biology, Circumstances And Consequences Of Cross-Species Transmission (Current Topics In Microbiology And Immunology)**





## **Synopsis**

This volume offers an overview of the processes of zoonotic viral emergence, the intricacies of host/virus interactions, and the role of biological transitions and modifying factors. The themes introduced here are amplified and explored in detail by the contributing authors, who explore the mechanisms and unique circumstances by which evolution, biology, history, and current context have contrived to drive the emergence of different zoonotic agents by a series of related events.

## **Book Information**

Series: Current Topics in Microbiology and Immunology (Book 315)

Hardcover: 524 pages

Publisher: Springer; 2007 edition (August 30, 2007)

Language: English

ISBN-10: 3540709614

ISBN-13: 978-3540709619

Product Dimensions: 6.4 x 0.9 x 9.3 inches

Shipping Weight: 1.9 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #3,529,076 in Books (See Top 100 in Books) #72 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Tropical Medicine #131 in Books > Medical Books > Medicine > Internal Medicine > Infectious Disease > Tropical Medicine #271 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Preventive Medicine

## **Customer Reviews**

Wildlife and the zoonotic pathogens they reservoir are the source of most emerging infectious diseases of humans. AIDS, hantavirus pulmonary syndrome, SARS, Monkeypox and the human ehrlichioses are a few examples of the devastating effect achieved by cross-species transmission of viral and bacterial pathogens of wildlife. Many factors contribute to the appearance and spread of a pathogen, including; changes in host/pathogen evolution and interaction, human demographics, behavior and technology, environmental factors, and the availability of health care and a public health infrastructure capable of providing surveillance and interventions aimed at disease prevention and control. Additionally, historical factors and the coalescence of particular circumstances modify the conditions by which pathogens and species have an opportunity to intermix, evolve and spread. This volume provides an overview of zoonotic pathogen emergence

with an emphasis on the role of wildlife. The first sections of the book explore the mechanisms by which evolution, biology, pathology, ecology, history, and current context have driven the emergence of different zoonotic agents, the next sections provide specific example of disease emergence linked to wildlife, and the final section offers an overview of current methods directed at the surveillance, prevention and control of zoonotic pathogens at the level of the wildlife host and possible mechanisms to improve these activities. This book will be useful to microbiologists, ecologists, zoologists, entomologists as well as physicians and epidemiologists.

[Download to continue reading...](#)

Wildlife and Emerging Zoonotic Diseases: The Biology, Circumstances and Consequences of Cross-Species Transmission (Current Topics in Microbiology and Immunology) Cross Stitch: Learn Cross Stitch FAST! - Learn the Basics of Cross Stitch In No Time (Cross Stitch, Cross Stitch Course, Cross Stitch Development, Cross Stitch Books, Cross Stitch for Beginners) *Histophilus somni*: Biology, Molecular Basis of Pathogenesis, and Host Immunity (Current Topics in Microbiology and Immunology) Origin and Evolution of the Vertebrate Immune System (Current Topics in Microbiology and Immunology) Lesser Known Large dsDNA Viruses (Current Topics in Microbiology and Immunology) Cross Stitch: Learn How to Cross Stitch Simple and Easy Pictures, Patterns, and Shapes - CROSS STITCH (Cross-Stitch, Needlework, Needlepoint, Embroidery, ... Hobbies and Home, Cross-Stitching, Crochet) Buffalopox Orthopox and Its Zoonotic Importance (Advances in Medical and Veterinary Virology, Immunology and Epidemiology) Moving Frontiers in Veterinary Immunology (Progress in Veterinary Microbiology and Immunology, Vol. 4) Current Topics in Computational Molecular Biology (Computational Molecular Biology) Understanding Zoonotic Diseases Emerging and Re-emerging Infectious Diseases of Livestock The Domestic Animal/Wildlife Interface: Issues for Disease Control, Conservation, Sustainable Food Production, and Emerging Diseases (Annals of the New York Academy of Sciences) New York Wildlife Viewing Guide: Where to Watch Wildlife (Watchable Wildlife) Arizona Wildlife Viewing Guide (Watchable Wildlife) (Watchable Wildlife (Adventure Publications)) CURRENT Diagnosis & Treatment of Sexually Transmitted Diseases (LANGE CURRENT Series) Field Manual of Wildlife Diseases - General Field Procedures and Diseases of Birds (Information and Technology Report) Rose Diseases: Kinds of Rose Diseases and Tips How to Reduce Diseases or Fungus Zoonotic Tuberculosis: *Mycobacterium bovis* and Other Pathogenic Mycobacteria Cellular and Molecular Immunology: with STUDENT CONSULT Online Access, 7e (Abbas, Cellular and Molecular Immunology) Clinical Immunology and Serology: A Laboratory Perspective (Clinical Immunology and Serology (Stevens))

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)