Zoonotic Tuberculosis: Mycobacterium bovis and Other Pathogenic Mycobacteria, Third Edition

Charles O. Thoen (Editor), James H. Steele (Editor), John B. Kaneene (Editor)

**DESCRIPTION**

*Zoonotic Tuberculosis: Mycobacterium bovis and Other Pathogenic Mycobacteria, Third Edition* is a comprehensive review of the state of the art in the control and elimination of infections caused by *Mycobacterium tuberculosis* complex in animals and humans. This update to the most complete and current reference available on *Mycobacterium bovis* includes new coverage of the latest molecular techniques; more information on human infection and One Health; updates to the information on the International Union Against Tuberculosis and Lung Disease (IUATLD), the World Health Organization (WHO), Pan American Health Organization (PAHO), and the United States Department of Agriculture’s (USDA) National Tuberculosis Eradication Program; and coverage of additional African countries. The Third Edition upholds the book’s reputation as a truly global resource on *M. bovis*.

Written by an international list of tuberculosis experts, chapters cover the status of tuberculosis in many regions throughout the world and deal with issues related to the detection, spread, and control of *Mycobacterium bovis*, as well as the economic impact of outbreaks. *Zoonotic Tuberculosis: Mycobacterium bovis and Other Pathogenic Mycobacteria* offers valuable information for public health officials, medical doctors, state and federal regulatory veterinarians, veterinary practitioners, and animal caretakers.

**ABOUT THE AUTHOR**

Charles O. Thoen, DVM, PhD, is Professor and former Chairman of the Department of Veterinary Microbiology and Preventive Medicine, College of Veterinary Medicine, Iowa State University. He is former Chairman of the IUATLD Scientific Committee on
Tuberculosis in Animals; former Chairman of the WHO Committee on Animal Tuberculosis; Former Head of the Mycobacteria and Brucella Section, National Veterinary Services Laboratories, Veterinary Services, Animal and Plant Health Inspection Service, USDA; and former Research Fellow in Microbiology, Mayo Graduate School of Medicine, University of Minnesota.

**James H. Steele**, DVM, MPH, was previously Professor Emeritus, Environmental Health, The University of Texas Houston School of Public Health, Center for Infectious Diseases, Houston, TX. Dr. Steele was formerly Chief Veterinary Officer, Assistant Surgeon General, U.S. Public Health Service, and Consult to United Nations agencies, WHO, Food and Agriculture Organization, PAHO, International Atomic Energy Organization, and the World Bank.

**John B. Kaneene**, DVM, MPH, PhD, FAES, FAVES, is a University Distinguished Professor of Epidemiology and Public Health. He is the founding and current Director of the Center for Comparative Epidemiology at Michigan State University. Dr. Kaneene is a current member of the IUATLD and is a former Program Secretary and Chairperson of the zoonotic tuberculosis subcommittee of the IUATLD. Dr. Kaneene has active research on the molecular and quantitative epidemiology of zoonotic TB in several countries in Asia and Africa.

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**FEATURES**

- Current, comprehensive reference on *Mycobacterium bovis* infection in animals and humans across the globe

- Includes new information on the latest molecular techniques, human infection and One Health, more coverage of FAO reference centers, WHO activities, and the USDA eradication program

- Offers updated information on the status of *M. bovis* infections in 6 African countries not covered in the second edition

- Contributed by the leading tuberculosis specialists from across the globe

- Provides extensive reference lists for further research and reading

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