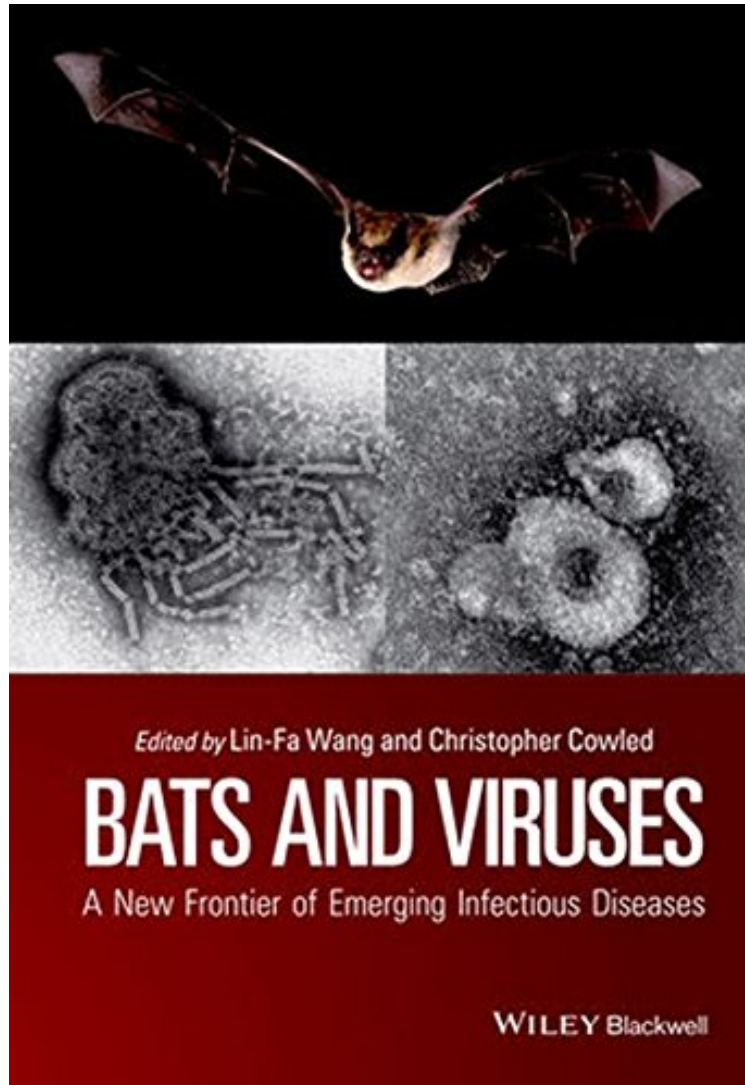


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Bats and Viruses: A New Frontier of Emerging Infectious Diseases

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Approximately 75% of emerging infectious diseases are zoonoses, and the rate of emergence of zoonotic diseases is on the rise. Bats are being increasingly recognised as an important reservoir of zoonotic viruses of different families,

including SARS coronavirus, Nipah virus, Hendra virus and Ebola virus. Understanding bats role in emerging zoonotic diseases is crucial to this rapidly expanding area of research. *Bats and Viruses: A New Frontier of Emerging Infectious Diseases* provides an updated overview of research focusing on bat biology and the role bats play as hosts of many major zoonotic viruses. The text covers bat biology, immunology, and genomics. Chapters also delve into the various major bat-borne virus families, including lyssaviruses, paramyxoviruses, coronaviruses, filoviruses and reoviruses, among others. Edited by leaders in the field, *Bats and Viruses: A New Frontier of Emerging Infectious Diseases* is a timely, invaluable reference for bat researchers studying microbiology, virology and immunology, as well as infectious disease workers and epidemiologists, among others.

"*Bats and Viruses: A New Frontier of Emerging Infectious Diseases* is a well-written book that will serve as an excellent reference for scientists studying bats and their related emerging infectious viral diseases... This book consists of 14 chapters that discuss a range of important topics including bat biology and physiology, bat viruses and their associated diseases in humans and animals, progress of current research on those viruses, and bat immunology and genomics. Each chapter was written by leading experts and contains general information about the topic being discussed, current research progress and conclusions, and future research directions along with multiple tables and figures and an extensive list of references. This important information will benefit future research into understanding the role of bats as reservoirs for emerging zoonotic viruses. This is a valuable book that provides current information on bats and the viruses that affect them and should be in every university library. (Journal of the American Veterinary Medical Association, Dec 15th 2016) From the Back Cover Approximately 75% of emerging infectious diseases are zoonoses, and the rate of emergence of zoonotic diseases is on the rise. Bats are being increasingly recognized as an important reservoir of zoonotic viruses of different families, including SARS coronavirus, Nipah virus, Hendra virus, and Ebola virus. Understanding bats role in emerging zoonotic diseases is crucial to this rapidly expanding area of research. *Bats and Viruses: A New Frontier of Emerging Infectious Diseases* provides an updated overview of research focusing on bat biology and the role bats play as hosts of many major zoonotic viruses. The text covers bat biology, immunology, and genomics. Chapters also delve into the various major bat-borne virus families, including lyssaviruses, paramyxoviruses, coronaviruses, filoviruses, and reoviruses, among others. Edited by leaders in the field, *Bats and Viruses: A New Frontier of Emerging Infectious Diseases* is a timely, invaluable reference for bat researchers studying microbiology, virology, and immunology, as well as infectious disease workers and epidemiologists, among others. A unique approach to a rapidly growing field of research Addresses both host and pathogen biology Topic has been the focus of recent media attention and public imagination, particularly in light of recent Ebola outbreaks Chapters authored by international leaders in their respective fields About the Author Edited by Lin-Fa Wang is Director of the Program in Emerging Infectious Diseases at Duke-NUS Graduate Medical School, Singapore, and an Office of the Chief Executive Science Leader at CSIRO Australian Animal Health Laboratory in Geelong, Victoria, Australia Christopher Cowled is a Research Scientist at the CSIRO Australian Animal Health Laboratory in Geelong, Victoria, Australia