Global Virology I - Identifying and Investigating Viral Diseases

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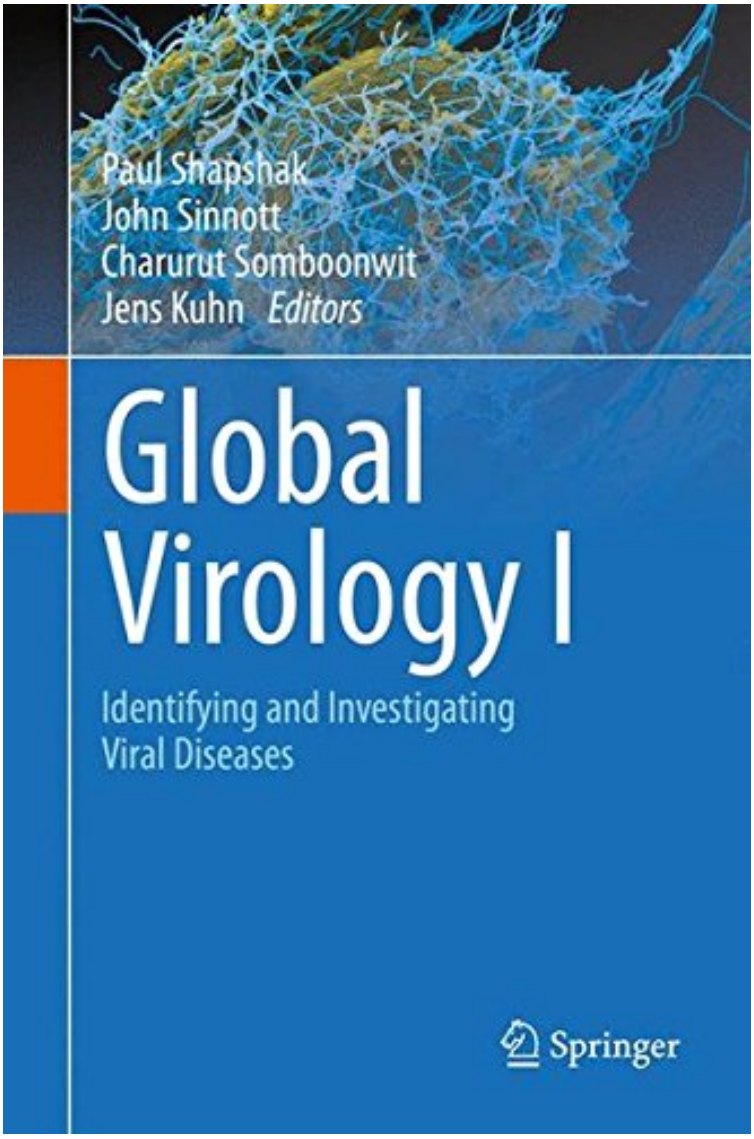

#4143799 in Books 2015-07-14Original language:EnglishPDF # 1 9.47 x 1.98 x 6.21l, .0 #File Name: 1493924095840 pages | File size: 31.Mb

From Springer : Global Virology I - Identifying and Investigating Viral Diseases before purchasing it in order to gage whether or not it would be worth my time, and all praised Global Virology I - Identifying and Investigating Viral Diseases:

0 of 0 people found the following review helpful. I am glad to have found this book after a long searchBy CustomerI am an Infectious disease fellow at University of Miami with special interest in Virology (HIV/HepatitisC/Influenza). I recently came across this book in global virology . I am glad to have found this book after a long search. It is the most

concise yet comprehensive book on global virology yet. In todays flat world , virology is more global than ever. It offers an unique insight into the interplay of viral biology with host defenses in both micro and macromolecular levels. Its a must have and must read. Chapter 3 on adaptation of mosquito vectors , Chapter 6 on Surveillance for Hepatitis C and Chapter 25 on Mutational Immune Escape in HIV-1 are my favorites thus far. Some of the content was vividly novel and intriguing to me (esp the chapter 21 on XMRV) while other chapters on common viruses are explained in a new light both clinically and epidemiologically.

This book provides trajectories and illustrations of viruses that have catapulted into the global arena (linked to humans, animals, and vectors) due to human behaviors in recent years, as well as viruses that have already shown expansion among humans, animals, and vectors just a few decades ago. Topics in the current book include: vaccinesenvironmental impactemerging virus transmissionFilovirus (Ebola)hemorrhagic feversflavivirusesDengue evasionpapillomavirusesHepatitis CNipah virusgiant viruseshantavirusesbunyavirusesencephalitidesWest Nile virusZika virusXMRVhenipaviruseshuman respiratory syncytial virusinfluenza A virusseveral aspects of HIV-1

From the Back CoverThis book provides trajectories and illustrations of viruses that have catapulted into the global arena (linked to humans, animals, and vectors) due to human behaviors in recent years, as well as viruses that have already shown expansion among humans, animals, and vectors just a few decades ago. Topics in the current book include: vaccinesenvironmental impactemerging virus transmissionFilovirus (Ebola)hemorrhagic feversflavivirusesDengue evasionpapillomavirusHepatitis CNipahGiantHantaBunyaencephalitisWest Nile VirusZikavirusXMRVHenipavirusRespiratory Syncytial Virusinfluenzaseveral aspects of HIVPaul Shapshak, PhD is a member of the Division of Infectious Diseases and International Health, Department of Internal Medicine, and theDepartment of Psychiatry and Behavioral Medicine,atUSF Morsani School of Medicine. His research interests include molecular virology.John Sinnott, MD, is Chairman of the Department of Internal Medicine at the USF Morsani College of Medicine and holds the James Cullison Professorship in Infectious Diseases.Charurut Somboonwit, MD,FACP,is an Associate Professorin the Division of Infectious Diseases and International Medicine, Department of Internal Medicine, atUSF Morsani School of Medicine. Her research interests include topics ingeneral infectious diseases, and HIV and its long-term complications.Jens H. Kuhn, MD, PhD, PhD, MS, is a Principal at Tunnell Government Services, Inc. (Bethesda, Maryland, USA) tasked to fulfill the role of Virology Lead at the NIH/NIAID Integrated Research Facility at Fort Detrick in Frederick, Maryland, USA. His research interests include high-consequence (BSL-4) pathogen research, biodefense, and medical countermeasure development.About the AuthorPaul Shapshak, PhD is a member of the Division of Infectious Diseases and International Health, Department of Internal Medicine, and the Department of Psychiatry and Behavioral Medicine,at USF Morsani School of Medicine. His research interests include molecular virology.John Sinnott, MD, is Chairman of the Department of Internal Medicine at the USF Morsani College of Medicine and holds the James Cullison Professorship in Infectious Diseases.Charurut Somboonwit, MD, FACP, is an Associate Professor in the Division of Infectious Diseases and International Medicine, Department of Internal Medicine, at USF Morsani School of Medicine. Her research interests include topics in general infectious diseases, and HIV and its long-term complications.Jens H. Kuhn, MD, PhD, PhD, MS, is a Principal at Tunnell Government Services, Inc. (Bethesda, Maryland, USA) tasked to fulfill the role of Virology Lead at the NIH/NIAID Integrated Research Facility at Fort Detrick in Frederick, Maryland, USA. His research interests include high-consequence (BSL-4) pathogen research, biodefense, and medical countermeasure development.