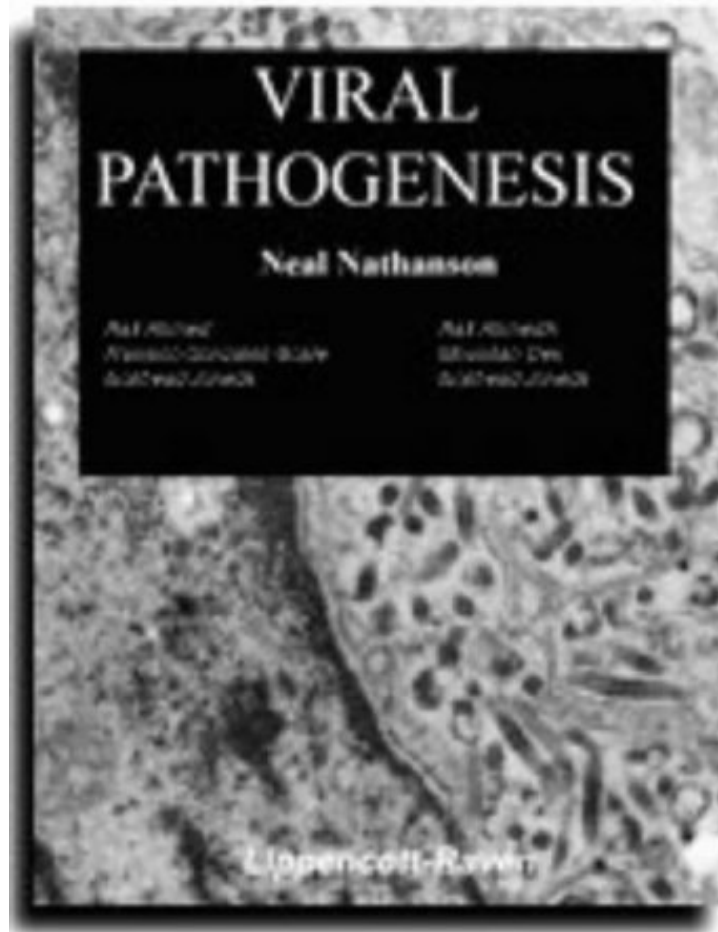


Viral Pathogenesis

Neal M. Nathanson, Nathanson
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Neal M. Nathanson, Nathanson : Viral Pathogenesis before purchasing it in order to gage whether or not it would be worth my time, and all praised Viral Pathogenesis:

Here is the most complete reference devoted specifically to viral pathogenesis, describing both the development of viral disease and the host/virus interaction. Presenting contributions from leading authorities in this particularly topical field, this comprehensive text expounds the current knowledge on the pathogenesis of viruses, an understanding of which is critical to treatment and prevention of viral diseases. The book opens with a thorough review of principles, covering in detail the life cycle of viruses, including entry, dissemination, shedding and transmission, and replication; the pathology of viral disease, including disease mechanisms, virus virulence, and viral oncogenesis; immune

responses, including immune suppression; and therapeutic applications. The second section focuses on experimental pathogenesis, covering detection and quantification of viral genomes, messages, and proteins in tissues and organs; and examining classical and new methods for animal studies. Chapters in the next section, devoted to classical models of viral pathogenesis, cover ectromelia, poliomyelitis, rabies, lymphocytic choriomeningitis virus, avian and murine retroviruses, lentiviruses, and reoviruses. The final section covers systems pathogenesis, emphasizing viral diseases of humans but also drawing on animal studies that elucidate the pathogenesis of human infections