

C.S. Schmaljohn and S.T. Nichol (Eds.)

Hantaviruses



Springer

List of Contents

K.M. JOHNSON	
Hantaviruses: History and Overview	1
C.B. JONSSON and C.S. SCHMALJOHN	
Replication of Hantaviruses	15
C.F. SPIROPOULOU	
Hantavirus Maturation	33
A. PLYUSNIN and S.P. MORZUNOV	
Virus Evolution and Genetic Diversity of Hantaviruses and Their Rodent Hosts	47
B. HJELLE and T. YATES	
Modeling Hantavirus Maintenance and Transmission in Rodent Communities	77
E.R. MACKOW and I.N. GAVRILOVSKAYA	
Cellular Receptors and Hantavirus Pathogenesis	91
D.A. ENRIA, A.M. BRIGGILER, N. PINI, and S. LEVIS	
Clinical Manifestations of New World Hantaviruses	117
M. LINDERHOLM and F. ELGH	
Clinical Characteristics of Hantavirus Infections on the Eurasian Continent	135
O. VAPALAHTI, Å. LUNDKVIST, and A. VAHERI	
Human Immune Response, Host Genetics, and Severity of Disease	153
J.W. HOOPER and D. LI	
Vaccines Against Hantaviruses	171
Subject Index	193