

Contents

Foreword	vii
Chapter 1. Overview of Negative-Strand RNA Viruses <i>Biao He</i>	1
Chapter 2. Rhabdovirus Entry into the Host Cell <i>Aur�lie Albertini and Yves Gaudin</i>	15
Chapter 3. Virus Entry: Parainfluenza Viruses <i>Masato Tsurudome</i>	35
Chapter 4. What Controls the Distinct VSV RNA Synthetic Processes of Replication and Transcription? <i>Gail Williams Wertz, Summer E. Galloway and Djamila Harouaka</i>	63
Chapter 5. mRNA Capping by Vesicular Stomatitis Virus and Other Related Viruses <i>Tomoaki Ogino and Amiya K. Banerjee</i>	79
Chapter 6. Structural Disorder within the Measles Virus Nucleoprotein and Phosphoprotein: Functional Implications for Transcription and Replication <i>Sonia Longhi</i>	95

Chapter 7.	Biochemical and Structural Insights into Vesicular Stomatitis Virus Transcription	127
	<i>Amal A. Rahmeh and Sean P. J. Whelan</i>	
Chapter 8.	Transcription of Vesicular Stomatitis Virus RNA Genome	149
	<i>Debasis Panda and Asit K. Pattnaik</i>	
Chapter 9.	Assembly of Vesicular Stomatitis Virus	175
	<i>Ming Luo, Todd J. Green and Z. Hong Zhou</i>	
Chapter 10.	Paramyxovirus Budding Mechanisms	193
	<i>Megan S. Harrison, Takemasa Sakaguchi and Anthony P. Schmitt</i>	
Chapter 11.	Virus-Host Interaction by Members of the Family Rhabdoviridae and Filoviridae	219
	<i>Douglas S. Lyles</i>	
Chapter 12.	Paramyxovirus and Rig-Like Helicases: A Complex Molecular Interplay Driving Innate Immunity	243
	<i>Denis Gerlier</i>	
Chapter 13.	The Molecular and Cellular Biology of Emerging Bunyaviruses	261
	<i>John N. Barr</i>	
Chapter 14.	Ebolaviruses: What We Know and Where We Are on Potential Therapeutics	295
	<i>Peter Halfmann, Gabriele Neumann and Yoshihiro Kawaoka</i>	
Index		309