

Contents

Host Restriction of HIV-1 by APOBEC3 and Viral Evasion Through Vif	1
Anna Maria Niewiadomska and Xiao-Fang Yu	
Interactions of Viral protein U (Vpu) with Cellular Factors	27
John C. Guatelli	
TRIM5alpha	47
Byeongwoon Song	
Human Immunodeficiency Virus Type-1 Gag and Host Vesicular Trafficking Pathways	67
Hin Chu, Jaang-Jiun Wang, and Paul Spearman	
The Roles of Tetraspanins in HIV-1 Replication	85
Markus Thali	
Imaging of HIV/Host Protein Interactions	103
Cindy M. Danielson and Thomas J. Hope	
Virological and Cellular Roles of the Transcriptional Coactivator LEDGF/p75	125
Manual Llano, James Morrison, and Eric M. Poeschla	
Implications of Nef: Host Cell Interactions in Viral Persistence and Progression to AIDS	147
Nathalie J. Arhel and Frank Kirchhoff	
Vpr and Its Interactions with Cellular Proteins	177
Vicente Planelles and Serge Benichou	
Index	201