

List of Contents

A. GUTERMANN, A. BUBECK, M. WAGNER, U. REUSCH, C. MÉNARD, and U.H. KOSZINOWSKI Strategies for the Identification and Analysis of Viral Immune-Evasive Genes – Cytomegalovirus as an Example	1
N.P. DANTUMA, A. SHARIPO, and M.G. MASUCCI Avoiding Proteasomal Processing: The Case of EBNA1.	23
F.J. VAN DER WAL, M. KIKKERT, and E. WIERTZ The HCMV Gene Products US2 and US11 Target MHC Class I Molecules for Degradation in the Cytosol	37
F. MOMBURG and H. HENGEL Corking the Bottleneck: The Transporter Associated with Antigen Processing as a Target for Immune Subversion by Viruses.	57
E. REITS, A. GRIEKSPoor, and J. NEEFJES Herpes Viral Proteins Manipulating the Peptide Transporter TAP.	75
D. BAUER and R. TAMPÉ Herpes Viral Proteins Blocking the Transporter Associated with Antigen Processing TAP – From Genes to Function and Structure	85
D.C. JOHNSON and N.R. HEGDE Inhibition of the MHC Class II Antigen Presentation Pathway by Human Cytomegalovirus.	101
V.M. BRAUD, P. TOMASEC, and G.W.G. WILKINSON Viral Evasion of Natural Killer Cells During Human Cytomegalovirus Infection	117

H.E. FARRELL, N.J. DAVIS-POYNTER, D.M. ANDREWS, and M.A. DEGLI-ESPOSTI Function of CMV-Encoded MHC Class I Homologues	131
D.M. MILLER, C.M. CEBULLA, and D.D. SEDMAK Human Cytomegalovirus Inhibition of Major Histocompatibility Complex Transcription and Interferon Signal Transduction	153
D.A. LEIB Counteraction of Interferon-Induced Antiviral Responses by Herpes Simplex Viruses	171
R.E. MEANS, J.K. CHOI, H. NAKAMURA, Y.H. CHUNG, S. ISHIDO, and J.U. JUNG Immune Evasion Strategies of Kaposi's Sarcoma-Associated Herpesvirus	187
P.S. BEISSER, C.-S. GOH, F.E. COHEN, and S. MICHELSON Viral Chemokine Receptors and Chemokines in Human Cytomegalovirus Trafficking and Interaction with the Immune System	203
N. SAEDERUP and E.S. MOCARSKI JR Fatal Attraction: Cytomegalovirus-Encoded Chemokine Homologs	235
T. DERFUSS and E. MEINL Herpesviral Proteins Regulating Apoptosis	257
H.-G. BURGERT, Z. RUZSICS, S. OBERMEIER, A. HILGENDORF, M. WINDHEIM, and A. ELSING Subversion of Host Defense Mechanisms by Adenoviruses	273
Subject Index	319

Viral Proteins Counteracting Host Defenses

Koszinowski, U.H.; Hengel, H. (Eds.)

2002, XI, 325 p. 4 illus. in color., Hardcover

ISBN: 978-3-540-43261-6