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SPOTLIGHT

Articles of Significant Interest Selected from This Issue by
the Editors

595

GUEST COMMENTARY

The Influenza Virus Resource at the National Center for
Biotechnology Information

Yiming Bao, Pavel Bolotov, Dmitry
Dernovoy, Boris Kiryutin, Leonid
Zaslavsky, Tatiana Tatusova, Jim
Ostell, and David Lipman

596–601

STRUCTURE AND ASSEMBLY

Role of Intermolecular Interactions of Vesicular Stomatitis
Virus Nucleoprotein in RNA Encapsidation

Xin Zhang, Todd J. Green, Jun
Tsao, Shihong Qiu, and Ming Luo

674–682

Intermolecular Interactions between Retroviral Gag Proteins
in the Nucleus

Scott P. Kenney, Timothy L.
Lochmann, Cullen L. Schmid, and
Leslie J. Parent

683–691

GENOME REPLICATION AND REGULATION OF VIRAL GENE EXPRESSION

Nucleolar Targeting of Hepatitis Delta Antigen Abolishes Its
Ability To Initiate Viral Antigenomic RNA Replication

Wen-Hung Huang, Yen-Shun Chen,
and Pei-Jer Chen

692–699

Mutations in the U5 Region Adjacent to the Primer Binding
Site Affect tRNA Cleavage by Human Immunodeficiency
Virus Type 1 Reverse Transcriptase In Vivo

Jangsuk Oh, Mary Jane
McWilliams, John G. Julias, and
Stephen H. Hughes

719–727

Cytoplasmic Domain of Influenza B Virus BM2 Protein
Plays Critical Roles in Production of Infectious Virus

Masaki Imai, Kazunori Kawasaki,
and Takato Odagiri

728–739

A Conserved Motif in Region V of the Large Polymerase
Proteins of Nonsegmented Negative-Sense RNA Viruses That
Is Essential for mRNA Capping

Jianrong Li, Amal Rahmeh, Marco
Morelli, and Sean P. J. Whelan

775–784

Varicella-Zoster Virus Glycoprotein M Homolog Is
Glycosylated, Is Expressed on the Viral Envelope, and
Functions in Virus Cell-to-Cell Spread

Yoshiaki Yamagishi, Tomohiko
Sadaoka, Hironori Yoshii, Pranee
Somboonthum, Takayoshi Imazawa,
Kazuhiro Nagaïke, Keiichi Ozono,
Koichi Yamanishi, and Yasuko Mori

795–804

A *cis* Element between the TATA Box and the Transcription
Start Site of the Major Immediate-Early Promoter of
Human Cytomegalovirus Determines Efficiency of Viral
Replication

Hiroki Isomura, Mark F. Stinski,
Ayumi Kudoh, Sanae Nakayama,
Takayuki Murata, Yoshitaka Sato,
Satoko Iwahori, and Tatsuya
Tsurumi

849–858

The 3' Untranslated Region of Sindbis Virus Represses
Deadenylation of Viral Transcripts in Mosquito and
Mammalian Cells

Nicole L. Garneau, Kevin J.
Sokoloski, Mateusz Opyrchal, C.
Preston Neff, Carol J. Wilusz, and
Jeffrey Wilusz

880–892

GENETIC DIVERSITY AND EVOLUTION

Phylogenetic Evidence for Rapid Rates of Molecular
Evolution in the Single-Stranded DNA Begomovirus *Tomato
Yellow Leaf Curl Virus*

Siobain Duffy and Edward C.
Holmes

957–965

Continued on following page

VIRUS-CELL INTERACTIONS

Downregulation of the T-Cell Receptor Complex and Impairment of T-Cell Activation by Human Herpesvirus 6 U24 Protein	Brian M. Sullivan and Laurent Coscoy	602–608
The Antiapoptotic Herpes Simplex Virus Glycoprotein J Localizes to Multiple Cellular Organelles and Induces Reactive Oxygen Species Formation	Martine Aubert, Zheng Chen, Robin Lang, Chung H. Dang, Carla Fowler, Derek D. Sloan, and Keith R. Jerome	617–629
Effects of Partial Deletions within the Human Immunodeficiency Virus Type 1 V3 Loop on Coreceptor Tropism and Sensitivity to Entry Inhibitors	Katrina M. Nolan, Andrea P. O. Jordan, and James A. Hoxie	664–673
Engineered Disulfide Bonds in Herpes Simplex Virus Type 1 gD Separate Receptor Binding from Fusion Initiation and Viral Entry	Eric Lazear, Andrea Carfi, J. Charles Whitbeck, Tina M. Cairns, Claude Krummenacher, Gary H. Cohen, and Roselyn J. Eisenberg	700–709
Characterization of the Human Herpesvirus 6 U69 Gene Product and Identification of Its Nuclear Localization Signal	Yuji Isegawa, Yoichi Miyamoto, Yoshinari Yasuda, Katsunori Semi, Kenji Tsujimura, Rikiro Fukunaga, Atsushi Ohshima, Yasuhiro Horiguchi, Yoshihiro Yoneda, and Nakaba Sugimoto	710–718
The Spike Glycoprotein of Murine Coronavirus MHV-JHM Mediates Receptor-Independent Infection and Spread in the Central Nervous Systems of <i>Ceacam1a</i>^{-/-} Mice	Tanya A. Miura, Emily A. Travanty, Lauren Oko, Helle Bielefeldt-Ohmann, Susan R. Weiss, Nicole Beauchemin, and Kathryn V. Holmes	755–763
Paramyxovirus-Induced Shutoff of Host and Viral Protein Synthesis: Role of the P and V Proteins in Limiting PKR Activation	Maria D. Gainey, Patrick J. Dillon, Kimberly M. Clark, Mary J. Manuse, and Griffith D. Parks	828–839
Loss of Protein Kinase PKR Expression in Human HeLa Cells Complements the Vaccinia Virus E3L Deletion Mutant Phenotype by Restoration of Viral Protein Synthesis	Ping Zhang, Bertram L. Jacobs, and Charles E. Samuel	840–848
An Ectromelia Virus Protein That Interacts with Chemokines through Their Glycosaminoglycan Binding Domain	M. Begoña Ruiz-Argüello, Vincent P. Smith, Gabriele S. V. Campanella, Françoise Baleux, Fernando Arenzana-Seisdedos, Andrew D. Luster, and Antonio Alcami	917–926
New World Clade B Arenaviruses Can Use Transferrin Receptor 1 (TfR1)-Dependent and -Independent Entry Pathways, and Glycoproteins from Human Pathogenic Strains Are Associated with the Use of TfR1	Meg L. Flanagan, Jill Oldenburg, Therese Reignier, Nathalia Holt, Genevieve A. Hamilton, Vanessa K. Martin, and Paula M. Cannon	938–948
Human Immunodeficiency Virus Type 1 Vif Functionally Interacts with Diverse APOBEC3 Cytidine Deaminases and Moves with Them between Cytoplasmic Sites of mRNA Metabolism	Mariana Marin, Sheetal Golem, Kristine M. Rose, Susan L. Kozak, and David Kabat	987–998
The U95 Protein of Human Herpesvirus 6B Interacts with Human GRIM-19: Silencing of U95 Expression Reduces Viral Load and Abrogates Loss of Mitochondrial Membrane Potential	W. M. Yeo, Yuji Isegawa, and Vincent T. K. Chow	1011–1020
Modulation of Human Immunodeficiency Virus Type 1 Infectivity through Incorporation of Tetraspanin Proteins	Kei Sato, Jun Aoki, Naoko Misawa, Eriko Daikoku, Kouichi Sano, Yuetsu Tanaka, and Yoshio Koyanagi	1021–1033
Transcriptome Analysis of NF-κB- and Phosphatidylinositol 3-Kinase-Regulated Genes in Human Cytomegalovirus-Infected Monocytes	Gary Chan, Elizabeth R. Bivins-Smith, M. Shane Smith, and Andrew D. Yurochko	1040–1046

CELLULAR RESPONSE TO INFECTION

- Establishment and Maintenance of the Innate Antiviral Response to West Nile Virus Involves both RIG-I and MDA5 Signaling through IPS-1** Brenda L. Fredericksen, Brian C. Keller, Jamie Fornek, Michael G. Katze, and Michael Gale, Jr. 609–616
- A Host Factor Involved in Hypovirus Symptom Expression in the Chestnut Blight Fungus, *Cryphonectria parasitica*** M. Iqbal Faruk, Ana Eusebio-Cope, and Nobuhiro Suzuki 740–754

TRANSFORMATION AND ONCOGENESIS

- Influence of the Viral Regulatory Region on Tumor Induction by Simian Virus 40 in Hamsters** Vojtech Sroller, Regis A. Vilchez, A. Renee Stewart, Connie Wong, and Janet S. Butel 871–879
- Murine Gammaherpesvirus 68 Genes both Induce and Suppress Lymphoproliferative Disease** Vera L. Tarakanova, Friederike Kreisel, Douglas W. White, and Herbert W. Virgin IV 1034–1039
- The Cigarette Smoke Carcinogen Benzo[*a*]pyrene Enhances Human Papillomavirus Synthesis** Samina Alam, Michael J. Conway, Horng-Shen Chen, and Craig Meyers 1053–1058

GENE DELIVERY

- Modification of Adenovirus Capsid with a Designed Protein Ligand Yields a Gene Vector Targeted to a Major Molecular Marker of Cancer** Natalya Belousova, Galina Mikheeva, Juri Gelovani, and Victor Krasnykh 630–637
- Herpes Simplex Virus Type 1 Preferentially Targets Human Colon Carcinoma: Role of Extracellular Matrix** Dror Kolodkin-Gal, Gideon Zamir, Yair Edden, Eli Pikarsky, Alon Pikarsky, Hillel Haim, Yosef S. Haviv, and Amos Panet 999–1010

VACCINES AND ANTIVIRAL AGENTS

- Antibody Profiling by Proteome Microarray Reveals the Immunogenicity of the Attenuated Smallpox Vaccine Modified Vaccinia Virus Ankara Is Comparable to That of Dryvax** D. Huw Davies, Linda S. Wyatt, Frances K. Newman, Patricia L. Earl, Sookhee Chun, Jenny E. Hernandez, Douglas M. Molina, Siddiqua Hirst, Bernard Moss, Sharon E. Frey, and Philip L. Felgner 652–663
- Broad Antiretroviral Activity and Resistance Profile of the Novel Human Immunodeficiency Virus Integrase Inhibitor Elvitegravir (JTK-303/GS-9137)** Kazuya Shimura, Eiichi Kodama, Yasuko Sakagami, Yuji Matsuzaki, Wataru Watanabe, Kazunobu Yamataka, Yasuo Watanabe, Yoshitsugu Ohata, Satoki Doi, Motohide Sato, Mitsuki Kano, Satoru Ikeda, and Masao Matsuoka 764–774
- Novel Plant Virus-Based Vaccine Induces Protective Cytotoxic T-Lymphocyte-Mediated Antiviral Immunity through Dendritic Cell Maturation** Patrick Lacasse, Jérôme Denis, Réjean Lapointe, Denis Leclerc, and Alain Lamarre 785–794

PATHOGENESIS AND IMMUNITY

- Removal of a Single N-Linked Glycan in Human Immunodeficiency Virus Type 1 gp120 Results in an Enhanced Ability To Induce Neutralizing Antibody Responses** Yun Li, Bradley Cleveland, Igor Klots, Bruce Travis, Barbra A. Richardson, David Anderson, David Montefiori, Patricia Polacino, and Shiu-Lok Hu 638–651
- Clonal Focusing of Epitope-Specific CD8⁺ T Lymphocytes in Rhesus Monkeys following Vaccination and Simian-Human Immunodeficiency Virus Challenge** Pritha Sen, William A. Charini, Ramu A. Subbramanian, Edwin R. Manuel, Marcelo J. Kuroda, Patrick A. Autissier, and Norman L. Letvin 805–816

Human Astrovirus Coat Protein Inhibits Serum Complement Activation via C1, the First Component of the Classical Pathway	Rheba S. Bonaparte, Pamela S. Hair, Deepa Banthia, Dawn M. Marshall, Kenji M. Cunnion, and Neel K. Krishna	817–827
The Major Histocompatibility Complex Class II Alleles <i>Mamu-DRB11003</i> and <i>-DRB10306</i> Are Enriched in a Cohort of Simian Immunodeficiency Virus-Infected Rhesus Macaque Elite Controllers	Juan P. Giraldo-Vela, Richard Rudersdorf, Chungwon Chung, Ying Qi, Lyle T. Wallace, Benjamin Bimber, Gretta J. Borchardt, Debra L. Fisk, Chrystal E. Glidden, John T. Loffredo, Shari M. Piaskowski, Jessica R. Furlott, Juan P. Morales-Martinez, Nancy A. Wilson, William M. Rehrauer, Jeffrey D. Lifson, Mary Carrington, and David I. Watkins	859–870
Human Immunodeficiency Virus Type 1 Vpu Protein Interacts with CD74 and Modulates Major Histocompatibility Complex Class II Presentation	Amjad Hussain, Clement Wesley, Mohammad Khalid, Ashutosh Chaudhry, and Shahid Jameel	893–902
Subtype-Specific Conformational Differences within the V3 Region of Subtype B and Subtype C Human Immunodeficiency Virus Type 1 Env Proteins	Milloni B. Patel, Noah G. Hoffman, and Ronald Swanstrom	903–916
Infection-Enhancing and -Neutralizing Activities of Mouse Monoclonal Antibodies against Dengue Type 2 and 4 Viruses Are Controlled by Complement Levels	Atsushi Yamanaka, Saori Kosugi, and Eiji Konishi	927–937
The First Hypervariable Region of the gp120 Env Glycoprotein Defines the Neutralizing Susceptibility of Heterologous Human Immunodeficiency Virus Type 1 Isolates to Neutralizing Antibodies Elicited by the SF162gp140 Immunogen	Lance K. Ching, Giorgos Vlachogiannis, Katherine A. Bosch, and Leonidas Stamatatos	949–956
Isolation and Characterization of Broadly Neutralizing Human Monoclonal Antibodies to the E1 Glycoprotein of Hepatitis C Virus	Jean-Christophe Meunier, Rodney S. Russell, Vera Goossens, Sofie Priem, Hugo Walter, Erik Depla, Ann Union, Kristina N. Faulk, Jens Bukh, Suzanne U. Emerson, and Robert H. Purcell	966–973
Protease Activity, Self Interaction, and Small Interfering RNA Binding of the Silencing Suppressor P1b from <i>Cucumber Vein Yellowing Ipomovirus</i>	Adrian Valli, Gabriela Dujovny, and Juan Antonio García	974–986
Identification of a Broadly Cross-Reacting and Neutralizing Human Monoclonal Antibody Directed against the Hepatitis C Virus E2 Protein	Mario Perotti, Nicasio Mancini, Roberta A. Diotti, Alexander W. Tarr, Jonathan K. Ball, Ania Owsianka, R. Adair, Arvind H. Patel, Massimo Clementi, and Roberto Burioni	1047–1052
Extending the Cytoplasmic Tail of the Influenza A Virus M2 Protein Leads to Reduced Virus Replication In Vivo but Not In Vitro	Wai-Hong Wu and Andrew Pekosz	1059–1063

Cover photograph (Copyright © 2008, American Society for Microbiology. All Rights Reserved.): Image of negatively stained nucleocapsids of a polydnavirus from the ichneumonid parasitoid *Glypta fumiferanae*. Mature virions consist of several nucleocapsids surrounded by two envelopes; the latter cannot be distinguished here because of the detergent treatment used to expose the nucleocapsids. Each nucleocapsid is believed to package more than one and possible many double-stranded circular DNA molecules, but it remains unclear whether each nucleocapsid, or virion, contains the full spectrum of more than 100 genome segments. (Micrograph by Don Stolz.) (See related article in June 2007: vol. 81, issue 12, page 6491.)