

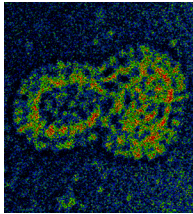


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COVER IMAGE



Cover photograph: Broad-spectrum antivirals are needed to address the ongoing threat of emerging viral pathogens. Peptides from several structural families that were selected for interfacial activity and the ability to disrupt membrane integrity, but not for antiviral activity, were shown to inhibit entry of multiple diverse enveloped viruses into cells. The most potent of these peptides interact directly with virions, destabilize the viral envelope, and drive virus aggregation and/or intervirion envelope fusion. This cryo-electron microscopy image shows two influenza virus particles captured in the process of fusion after incubation with a low concentration of an interfacially active peptide entry inhibitor. (See related article at e01682-20.) (Copyright © 2020 American Society for Microbiology. All Rights Reserved.)

SPOTLIGHT

Articles of Significant Interest in This Issue

e01944-20

STRUCTURE AND ASSEMBLY

Reovirus $\sigma 1$ Conformational Flexibility Modulates the Efficiency of Host Cell Attachment

e01163-20

Julia R. Diller, Sean R. Halloran, Melanie Koehler, Rita dos Santos Natividade, David Alsteens, Thilo Stehle, Terence S. Dermody, Kristen M. Ogden

Biophysical and Dynamic Characterization of Fine-Tuned Binding of the Human Respiratory Syncytial Virus M2-1 Core Domain to Long RNAs

e01505-20

Icaro P. Caruso, Giovana C. Guimarães, Vitor B. Machado, Marcelo A. Fossey, Dieter Willbold, Fabio C. L. Almeida, Fátima P. Souza

Acidic pH-Induced Conformational Changes in Chikungunya Virus Fusion Protein E1: a Spring-Twisted Region in the Domain I-III Linker Acts as a Hinge Point for Swiveling Motion of Domains

e01561-20

Bibekananda Sahoo, Naresh Kumar Gudigamolla, Tirumala Kumar Chowdary

Broad-Spectrum Antiviral Entry Inhibition by Interfacially Active Peptides

e01682-20

Andrew R. Hoffmann, Shantanu Guha, Eric Wu, Jenisha Ghimire, Yilin Wang, Jing He, Robert F. Garry, William C. Wimley

GENOME REPLICATION AND REGULATION OF VIRAL GENE EXPRESSION

The Enzymatic Activity of the nsp14 Exoribonuclease Is Critical for Replication of MERS-CoV and SARS-CoV-2

e01246-20

Natacha S. Ogando, Jessika C. Zevenhoven-Dobbe, Yvonne van der Meer, Peter J. Bredenbeek, Clara C. Posthuma, Eric J. Snijder

GENETIC DIVERSITY AND EVOLUTION

Comparative Circulation Dynamics of the Five Main HIV Types in China

e00683-20

Bram Vrancken, Bin Zhao, Xingguang Li, Xiaoxu Han, Haizhou Liu, Jin Zhao, Ping Zhong, Yi Lin, Junjie Zai, Mingchen Liu, Davey M. Smith, Simon Dellicour, Antoine Chaillon

VIRUS-CELL INTERACTIONS

Sphingomyelin Is Essential for the Structure and Function of the Double-Membrane Vesicles in Hepatitis C Virus RNA Replication Factories

e01080-20

Hossam Gewaid, Haruyo Aoyagi, Minetaro Arita, Koichi Watashi, Ryosuke Suzuki, Shota Sakai, Keigo Kumagai, Toshiyuki Yamaji, Masayoshi Fukasawa, Fumihiko Kato, Takayuki Hishiki, Ayako Mimata, Yuriko Sakamaki, Shizuko Ichinose, Kentaro Hanada, Masamichi Muramatsu, Takaji Wakita, Hideki Aizaki

- Characterization of the Herpes Simplex Virus (HSV) Tegument Proteins That Bind to gE/gI and US9, Which Promote Assembly of HSV and Transport into Neuronal Axons** e01113-20
Grayson DuRaine, Todd W. Wisner, David C. Johnson
- Inositol-Requiring Enzyme 1 α Promotes Zika Virus Infection through Regulation of Stearoyl Coenzyme A Desaturase 1-Mediated Lipid Metabolism** e01229-20
Yanxia Huang, Quanshi Lin, Zhiting Huo, Cancan Chen, Shili Zhou, Xiaocao Ma, Huixin Gao, Yuxia Lin, Xiaobo Li, Junfang He, Ping Zhang, Chao Liu
- Elucidating the Basis for Permissivity of the MT-4 T-Cell Line to Replication of an HIV-1 Mutant Lacking the gp41 Cytoplasmic Tail** e01334-20
Melissa V. Fernandez, Huxley K. Hoffman, Nairi Pezeshkian, Philip R. Tedbury, Schuyler B. van Engelenburg, Eric O. Freed
- Cell Type-Dependent Escape of Capsid Inhibitors by Simian Immunodeficiency Virus SIVcpz** e01338-20
Augustin Penda Twizerimana, Rachel Scheck, Daniel Becker, Zeli Zhang, Marianne Wammers, Leandro Avelar, Marc Pflieger, Dieter Häussinger, Thomas Kurz, Holger Gohlke, Carsten Münk
- Type I Interferon Susceptibility Distinguishes SARS-CoV-2 from SARS-CoV** e01410-20
Kumari G. Lokugamage, Adam Hage, Maren de Vries, Ana M. Valero-Jimenez, Craig Schindewolf, Meike Dittmann, Ricardo Rajsbaum, Vineet D. Menachery
- Development of Styrene Maleic Acid Lipid Particles as a Tool for Studies of Phage-Host Interactions** e01559-20
Patrick A. de Jonge, Dieuwke J. C. Smit Sibinga, Oliver A. Boright, Ana Rita Costa, Franklin L. Nobrega, Stan J. J. Brouns, Bas E. Dutilh
- Covalent Modifications of the Bacteriophage Genome Confer a Degree of Resistance to Bacterial CRISPR Systems** e01630-20
Yuepeng Liu, Li Dai, Junhua Dong, Cen Chen, Jingen Zhu, Venigalla B. Rao, Pan Tao
- Swine MicroRNAs *ssc-miR-221-3p* and *ssc-miR-222* Restrict the Cross-Species Infection of Avian Influenza Virus** e01700-20
Jingwei Song, Honglei Sun, Haoran Sun, Zhimin Jiang, Junda Zhu, Chenxi Wang, Weihua Gao, Tong Wang, Juan Pu, Yipeng Sun, Hsiang-Yu Yuan, Jinhua Liu
- Generation of Genetically RGD α 1-Modified Oncolytic Reovirus That Enhances JAM-A-Independent Infection of Tumor Cells** e01703-20
Takahiro Kawagishi, Yuta Kanai, Ryotaro Nouda, Ichika Fukui, Jeffery A. Nurdin, Yoshiharu Matsuura, Takeshi Kobayashi
- CELLULAR RESPONSE TO INFECTION**
- Antigenic Restimulation of Virus-Specific Memory CD8⁺ T Cells Requires Days of Lytic Protein Accumulation for Maximal Cytotoxic Capacity** e01595-20
Stephen A. Migueles, Daniel C. Rogan, Noah V. Gavi, Elizabeth P. Kelly, Sushila A. Toulmin, Lawrence T. Wang, Justin Lack, Addison J. Ward, Patrick F. Pryal, Amanda K. Ludwig, Renata G. Medina, Benjamin J. Apple, Christina N. Toumanios, April L. Poole, Catherine A. Rehm, Sara E. Jones, C. Jason Liang, Mark Connors

TRANSFORMATION AND ONCOGENESIS

- Role of DNA Methylation and CpG Sites in the Viral Telomerase RNA Promoter during Gallid Herpesvirus 2 Pathogenesis** e01488-20

Srđan Pejaković, André Claude Mbouombouo Mfossa, Laëtitia Wiggers, Ahmed Kheimar, Damien Coupeau, Benedikt B. Kaufer, Benoît Muylkens

VACCINES AND ANTIVIRAL AGENTS

- Characterization of Novel Cross-Reactive Influenza B Virus Hemagglutinin Head Specific Antibodies That Lack Hemagglutination Inhibition Activity** e01185-20

Ericka Kirkpatrick, Carole Henry, Meagan McMahon, Kaijun Jiang, Shirin Strohmeier, Harm van Bakel, Patrick C. Wilson, Florian Krammer

PATHOGENESIS AND IMMUNITY

- Continued Evolution of H5Nx Avian Influenza Viruses in Bangladeshi Live Poultry Markets: Pathogenic Potential in Poultry and Mammalian Models** e01141-20

Rabeh El-Shesheny, John Franks, Jasmine Turner, Patrick Seiler, David Walker, Kimberly Friedman, Nabanita Mukherjee, Lisa Kercher, M. Kamrul Hasan, Mohammed M. Feeroz, Scott Krauss, Peter Vogel, Pamela McKenzie, Subrata Barman, Richard J. Webby, Robert G. Webster

- An Early Microglial Response Is Needed To Efficiently Control Herpes Simplex Virus Encephalitis** e01428-20

Olus Uyar, Nataly Laflamme, Jocelyne Piret, Marie-Christine Venable, Julie Carbonneau, Karima Zarrouk, Serge Rivest, Guy Boivin