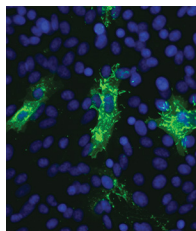




CONTENTS • DECEMBER 2017 • VOLUME 24, NO. 12

COVER IMAGE



Cover photograph: Respiratory syncytial virus (RSV) fluorescent focus-based microneutralization assay at the cellular level depicted by RSV fusion (F) protein replicated in the cytoplasm of RSV-infected Vero cells at 23 ± 1 h postinfection. Infected Vero cells were fixed and immunostained with anti-RSV F monoclonal antibody (clone 133-1H) and goat anti-mouse IgG-AF488 (green). Vero cell nuclei were stained with DAPI (4',6-diamidino-2-phenylindole; blue) (40 \times magnification; Evos FL Auto Cell Imaging System). (See related article at e00225-17.) (Copyright © 2017 Shambaugh et al. CC-BY 4.0.)

EDITORIALS

- Acknowledgment of *Ad Hoc* Reviewers** e00274-17
Marcela F. Pasetti
- The Legacy of CVI** e00276-17
Marcela F. Pasetti, Steven D. Douglas, Susan F. Plaeger

SPOTLIGHT

- Article of Significant Interest Selected from This Issue by the Editors** e00278-17

COMMENTARY

- Protein Structure Facilitates High-Resolution Immunological Mapping** e00275-17
Madison Zuverink, Joseph T. Barbieri

MINIREVIEWS

- Progress toward Development of a Vaccine against Congenital Cytomegalovirus Infection** e00268-17
Mark R. Schleiss, Sallie R. Permar, Stanley A. Plotkin
- Recent Approaches To Optimize Laboratory Assessment of Antinuclear Antibodies** e00270-17
Anne E. Tebo

VACCINES

- High-Definition Mapping of Four Spatially Distinct Neutralizing Epitope Clusters on RiVax, a Candidate Ricin Toxin Subunit Vaccine** e00237-17
Ronald T. Toth IV, Siva Krishna Angalakurthi, Greta Van Slyke, David J. Vance, John M. Hickey, Sangeeta B. Joshi, C. Russell Middaugh, David B. Volkin, David D. Weis, Nicholas J. Mantis
- Development and Qualification of an Opsonophagocytic Killing Assay To Assess Immunogenicity of a Bioconjugated *Escherichia coli* Vaccine** e00123-17
Darren Abbanat, Todd A. Davies, Karen Amsler, Wenping He, Kellen Fae, Sarah Janssen, Jan T. Poolman, Germie P. J. M. van den Dobbelen
- Stable Chromosomal Expression of *Shigella flexneri* 2a and 3a O-Antigens in the Live *Salmonella* Oral Vaccine Vector Ty21a** e00181-17
Madushini N. Dharmasena, Manuel Osorio, Kazuyo Takeda, Scott Stibitz, Dennis J. Kopecko

- GI-19007, a Novel *Saccharomyces cerevisiae*-Based Therapeutic Vaccine against Tuberculosis** e00245-17
Thomas H. King, Crystal A. Shanley, Zhimin Guo, Donald Bellgrau, Timothy Rodell, Synthia Furney, Marcela Henao-Tamayo, Ian M. Orme
- Randomized, Placebo-Controlled, Double-Blind Phase 2 Trial Comparing the Reactogenicity and Immunogenicity of a Single Standard Dose to Those of a High Dose of CVD 103-HgR Live Attenuated Oral Cholera Vaccine, with Shanchol Inactivated Oral Vaccine as an Open-Label Immunologic Comparator** e00265-17
Samba O. Sow, Milagritos D. Tapia, Wilbur H. Chen, Fadima C. Haidara, Karen L. Kotloff, Marcela F. Pasetti, William C. Blackwelder, Awa Traoré, Boubou Tamboura, Moussa Doumbia, Fatoumata Diallo, Flanon Coulibaly, Uma Onwuchekwa, Mamoudou Kodio, Sharon M. Tennant, Mardi Reymann, Diana F. Lam, Marc Gurwith, Michael Lock, Thomas Yonker, Jonathan Smith, Jakub K. Simon, Myron M. Levine
- A Single Intramuscular Dose of a Plant-Made Virus-Like Particle Vaccine Elicits a Balanced Humoral and Cellular Response and Protects Young and Aged Mice from Influenza H1N1 Virus Challenge despite a Modest/Absent Humoral Response** e00273-17
Breanna Hodgins, Karen K. Yam, Kaitlin Winter, Stephane Pillet, Nathalie Landry, Brian J. Ward
- CLINICAL IMMUNOLOGY**
- High-Resolution Epitope Positioning of a Large Collection of Neutralizing and Nonneutralizing Single-Domain Antibodies on the Enzymatic and Binding Subunits of Ricin Toxin** e00236-17
David J. Vance, Jacqueline M. Tremblay, Yinghui Rong, Siva Krishna Angalakurthi, David B. Volkin, C. Russell Middaugh, David D. Weis, Charles B. Shoemaker, Nicholas J. Mantis
- Kinetics, Longevity, and Cross-Reactivity of Antineuraminidase Antibody after Natural Infection with Influenza A Viruses** e00248-17
Don Changsom, Li Jiang, Hatairat Lerdsamran, Sopon Iamsirithaworn, Rungrueng Kitphati, Pisanu Pooruk, Prasert Auewarakul, Pilaipan Puthavathana
- DIAGNOSTIC LABORATORY IMMUNOLOGY**
- Development of a High-Throughput Respiratory Syncytial Virus Fluorescent Focus-Based Microneutralization Assay** e00225-17
Cindy Shambaugh, Sarieh Azshirvani, Li Yu, Jared Pache, Stacie L. Lambert, Fengrong Zuo, Mark T. Esser
- Identification of Novel Antigens Recognized by Serum Antibodies in Bovine Tuberculosis** e00259-17
Konstantin P. Lyashchenko, Adrian Grandison, Karen Keskinen, Alina Sikar-Gang, Paul Lambotte, Javan Esfandiari, Gregory C. Ireton, Aarthy Vallur, Steven G. Reed, Gareth Jones, H. Martin Vordermeier, Judy R. Stabel, Tyler C. Thacker, Mitchell V. Palmer, W. Ray Waters
- Development of an Extended-Specificity Multiplex Immunoassay for Detection of *Streptococcus pneumoniae* Serotype-Specific Antigen in Urine by Use of Human Monoclonal Antibodies** e00262-17
Seyi D. Eletu, Carmen L. Sheppard, Elizabeth Thomas, Kenneth Smith, Priya Daniel, David J. Litt, Wei Shen Lim, Norman K. Fry

AUTHOR CORRECTION

Correction for Nishimori et al., “Identification of an Atypical Enzootic Bovine Leukosis in Japan by Using a Novel Classification of Bovine Leukemia Based on Immunophenotypic Analysis”

e00001-18

Asami Nishimori, Satoru Konnai, Tomohiro Okagawa, Naoya Maekawa, Shinya Goto, Ryoyo Ikebuchi, Ayako Nakahara, Yuzumi Chiba, Masaho Ikeda, Shiro Murata, Kazuhiko Ohashi